



STIC Search Report

EIC 2600

STIC Database Tracking Number: 152877

**TO: Scott Beliveau
Location: KNX 06 A01
Art Unit : 2614
Tuesday, May 17, 2005**

Case Serial Number: 09/773883

**From: Paul Obiniyi
Location: EIC 2600
KNX 08 B55
Phone: 305-1836**

paul.obiniyi@uspto.gov

Search Notes

Dear Examiner Beliveau,

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

30

Access DB# 152877

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name Scott Betman Examiner #: 79346 Date: 5/1/05
Art Unit: 2614 Phone Number _____ Serial Number: 09/773 883
Location: KNX 6A01 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elements or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Interactive television application with Navigable cells and Regions
Inventors (please provide full names): Kenneth F. Carpenter et al. (See Attachment)

Earliest Priority Filing Date: 1/31/01

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Looking for method of navigating through a user interface comprised of Regions comprised of a plurality of cells. The user is able to change the focus between Regions without selecting any of the cells; subsequently the user is only able to select cells from within the highlighted Region

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher: <u>Paul Obinnyi</u>	Sequence (#) _____	STN _____	
Searcher Phone #: <u>29734</u>	AA Sequence (#) _____	Dialog <u>✓</u>	
Searcher Location: <u>KNX 08855</u>	Structure (#) _____	Questel/Orbit _____	
Date Searcher Picked Up: <u>05/16/05</u>	Bibliographic <u>✓</u>	Dr.Link _____	
Date Completed: <u>05/17/05</u>	Litigation _____	Lexis/Nexis _____	
Searcher Prep & Review Time: <u>70</u>	Fulltext <u>✓</u>	Sequence Systems _____	
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <u>✓</u>	
Online Time: <u>140</u>	Other <u>✓</u>	Other (specify) <u>IEEE, RD</u>	

? show files; ds; save temp; logoff hold
 File 348:EUROPEAN PATENTS 1978-2005/May W02
 (c) 2005 European Patent Office
 File 349:PCT FULLTEXT 1979-2005/UB=20050512,UT=20050505
 (c) 2005 WIPO/Univentio

Set	Items	Description
S1	17324	IPG OR EPG OR (ELECTRONIC OR INTERACTIVE OR TELEVISION?? OR TV) (3N) PROGRAM? () (GUIDE?? OR MENU) OR (ELECTRONIC OR INTERACTIVE OR TELEVISION?? OR TV) (3N) PROGRAM?
S2	57343	USER?? (3N) INTERFACE??
S3	93498	(MULTIPLE OR MANY OR SEVERAL OR PLURAL??? OR VARIOUS OR MULTI) (3N) (CELL?? OR PARTITION??)
S4	1413475	REGION?? OR AREA?? OR POSITION??
S5	41600	(MODIF? OR AMEND? OR CHANG? OR ADJUST?) (3N) (FOCUS? OR VIEW?)
S6	7708	(SELECT? OR PICK? OR CHOOS?) (7N) S2
S7	1176	(HIGHLIGHT? OR MARK?) (3N) S3
S8	660	(NAVIGAT? OR SWITCH?) (3N) S3
S9	369	AU=(CARPENTER, K? OR CARPENTER K? OR CORVIN, J? OR CORVIN - J? OR DRUMMOND, B? OR DRUMMOND B? OR ELLIS, M? OR ELLIS M? OR KNUDSON, E? OR KNUDSON E? OR RUSH, J? OR RUSH J? OR DEWEESE, - T? OR DEWEESE T?)
S10	203153	IC=(G06F? OR H04N?)
S11	204	S10 AND S9
S12	144	S11 AND S1
S13	13	S12 AND S3
S14	13	S13 AND S4
S15	13	IDPAT (sorted in duplicate/non-duplicate order)
S16	12	IDPAT (primary/non-duplicate records only)
S17	8	S1(S)S2(S)S3
S18	8	S17 NOT S16
S19	54	S1(S)S4(S)S5
S20	37	S19 AND S10
S21	24	S20 NOT PY>2001
S22	2	S21(S)S6
S23	2	S22 NOT (S18 OR S16)
S24	0	S21(S) (S8 OR S9)
S25	241	S1(S)S5
S26	4	S25(S)S3
S27	1	S26 NOT (S23 OR S18 OR S16)
S28	20	S21 NOT (S27 OR S23 OR S18 OR S16)

16/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01796022

Electronic television program guide schedule system and method with
remote product ordering
Vorrichtung und Verfahren zur elektronischen Fernsehprogrammzeitplanung mit
Warenfernbestellung
Systeme electronique de choix de programmes televisuels et procede
permettant de passer commande de produits a distance

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Applicant designated States: all)

INVENTOR:

Ellis, Michael D. , 1300 Kingwood Place, Boulder, CO 80304, (US)
Davis, Bruce, 333 South state Street 145, Lake Oswego, OR 97034, (US)
Knudson, Edward , 11055 W. Rowland Avenue, Littleton, CO 80127, (US)
Miller, Larry, 35 Glenmore Drive, Greenwood Villiage, CO 80111, (US)

LEGAL REPRESENTATIVE:

Hibbert, Juliet Jane Grace et al (79376), Kilburn & Strode, 20 Red Lion
Street, London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1467566 A2 041013 (Basic)
EP 1467566 A3 041027

APPLICATION (CC, No, Date): EP 2004015821 960424;

PRIORITY (CC, No, Date): US 428809 950424

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 823179 (EP 96913121)

INTERNATIONAL PATENT CLASS: H04N-007/173

ABSTRACT WORD COUNT: 127

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200442	722
SPEC A	(English)	200442	23227
Total word count - document A			23949
Total word count - document B			0
Total word count - documents A + B			23949

Electronic television program guide schedule system and method with
remote product ordering

INVENTOR:

Ellis, Michael D ...

...US)

Knudson, Edward ...

INTERNATIONAL PATENT CLASS: H04N-007/173

...ABSTRACT A3

An electronic television program guide system with which a user
may purchase television programming services, comprising user television
equipment on which an interactive television program guide
application is implemented, wherein the user television equipment is
configured to: provide the user with...

...to select a television programming service that is displayed on a screen generated by the **interactive television program guide** application; determine whether the selected television programming service is part of a package of television...

...SPECIFICATION a continuation-in-part of application serial no. 119,367. This invention relates to an **electronic program** schedule system, which provides a user with schedule information for broadcast or cablecast programs viewed by the user on a television receiver. More particularly, it relates to an **electronic program guide** that provides the user with the capability to order products and services remotely at the...

...simply by depressing a button on a remote control device or other user-controlled device.

Electronic program guides ("EPGs") for **television** systems are known in the art. For example, one prior system used an electronic character...

...for Smart TV," published in the November 1990 issue of Popular Science. Collectively, the prior **electronic program** systems may be difficult to implement and cumbersome to use. They also fail to provide...

...that address in a more realistic manner the viewing habits of the users of these **electronic program** systems. Moreover, many of these systems are complex in their design and are expensive to implement. Ease of use and economy are primary concerns of **television program** distributors and viewers as they contemplate dramatic increases in the number and nature of **program** networks and other **television**-based services. And, as the number of television channels available to a user increases dramatically...

...linking the user to other applications or information systems which are not part of the **electronic program guide** application or data.

Nor do these prior electronic guide systems provide video promotion of television...

...which the general program being promoted is shown. Accordingly, there exists a need for an **electronic program guide** which can provide improved display and linking of video promotions with program schedule information and order processing functions.

The prior **electronic program guides** also fail to provide the user with a simple and efficient method of controlling access...

...individual programs and channels using a flexible and uncomplicated on-screen user interface.

The prior **electronic program guides** are also deficient in that they do not provide the user with the ability to...

...user is unable to determine the subject matter of the program. For example, a recent **television program** display included the following text in a grid cell: "Baseball: Yankees v." Although some systems...

...minute cells may require only one line of text to display the title.

The prior **electronic program guides** also lack a method for creating a viewing itinerary electronically while still viewing a program ...

...in the art, however, is an interactive home shopping service deployed in conjunction with an **EPG** permitting users of the **EPG** to remotely order products and services associated with the **EPG** or the program listings

- application provides the user with an option to purchase the selected television programming service individually.
3. The **electronic television program guide** system defined in claim 1, wherein the selected television programming service is a premium channel.
 4. The **electronic television program guide** system defined in claim 1, wherein the selected television programming service is impulse purchasable.
 5. The **electronic program guide** system defined in claim 1, wherein the **interactive television program guide** application displays a submenu when the user attempts to view an unsubscribed television programming service...
- ...is not subscribed to the unsubscribed television programming service and requests user input to the **interactive television program guide** application that is indicative of whether the user intends to order the unsubscribed television programming service.
6. The **electronic television program guide** system defined in claim 5, wherein the **interactive television program guide** application presents an ordering display when the user input to the **interactive television program guide** application is indicative of a decision to purchase the unsubscribed television programming service.
 7. A method for providing television programming services for purchase with an **electronic television program guide** system, comprising:
providing the user with an opportunity to select a television programming service that is displayed on a screen generated by an **interactive television program guide** application;
determining whether the selected television programming service is part of a package of television...
- ...is not subscribed to the unsubscribed television programming service and requests user input to the **interactive television program guide** application that is indicative of whether the user intends to order the unsubscribed television programming...
- ...in claim 11, further comprising presenting an ordering display when the user input to the **interactive television program guide** application is indicative of a decision to purchase the unsubscribed television programming service.
13. A computer-readable storage medium storing instructions that, when executed on equipment included in an **electronic television program guide** system that is configured to read and execute the instructions, cause the **electronic television program guide** system to perform a method of providing television programming services for purchase by a user...
- ...to select a television programming service that is displayed on a screen generated by an **interactive television program guide** application;
determining whether theselected television programming service is part of a package of television programming...

method with pop-up hints
Verbessertes elektronisches Fernsehprogrammführungssystem und Verfahren mit
Fenstern mit Hinweismeldungen
Systeme et procede de programmation ameliore pour guide d'emissions de
television electronique avec messages d'aide incrustes

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Applicant designated States: all)

INVENTOR:

Davis, Bruce, 333 South State No.145, Lake Oswego OR 97034, (US)

Ellis, Michael Dean , 1300 Kingwood Place, Boulder CO 80304, (US)

Knudson, Edward Bruce , 11055 W. Rowland Avenue, Littleton CO 80127,
(US)

Miller, Larry, 35 Glenmore Drive, Greenwood Village CO 80111, (US)

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London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1418755 A1 040512 (Basic)

APPLICATION (CC, No, Date): EP 2003078913 970624;

PRIORITY (CC, No, Date): US 668930 960624

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 908052 (EP 97933132)

INTERNATIONAL PATENT CLASS: H04N-005/445 ; H04N-007/173

ABSTRACT WORD COUNT: 215

NOTE:

Figure number on first page: 43d

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200420	1373
SPEC A	(English)	200420	23264
Total word count - document A			24637
Total word count - document B			0
Total word count - documents A + B			24637

Improved electronic television program guide schedule system and
method with pop-up hints

INVENTOR:

... US)

Ellis, Michael Dean ...

...US)

Knudson, Edward Bruce ...

INTERNATIONAL PATENT CLASS: H04N-005/445 ...

... H04N-007/173

...ABSTRACT A1

An **electronic program** schedule system which includes a receiver for
receiving broadcast, satellite or cablecast television programs for...

...one of the plurality of channels. A data processor receives and stores
in a memory **television program** schedule information for a plurality
of television programs to appear on the plurality of television...

...signals in response to user control commands. A television receiver is
used to display the **television programs** and **television program**

schedule information. A video display generator receives video control commands from the data processor and...

...predetermined period of user inactivity to display pop-up hints for the user's current **position** in the guide in overlaying relationship with the program schedule information.

...SPECIFICATION 119,367, filed Sept. 9, 1993.

Background of the Invention

This invention relates to an **electronic program** schedule system, which provides a user with schedule information for broadcast or cablecast programs viewed by the user on a television receiver. More particularly, it relates to an improved **electronic program guide** that provides the user with a more powerful and convenient operating environment, while, at the same time, increasing the efficiency of navigation by the user through the guide.

Electronic program guides for television systems are known in the art. For example, one prior system used an electronic character...

...for Smart TV," published in the November 1990 issue of Popular Science.

Collectively, the prior **electronic program** systems may be difficult to implement and cumbersome to use. They also fail to provide...

...that address in a more realistic manner the viewing habits of the users of these **electronic program** systems. Moreover, many of these systems are complex in their design and are expensive to implement. Ease of use and economy are primary concerns of **television program** distributors and viewers as they contemplate dramatic increases in the number and nature of **program** networks and other **television**-based services. And, as the number of television channels available to a user increases dramatically...

...linking the user to other applications or information systems which are not part of the **electronic program guide** application or data.

Nor do these prior electronic guide systems provide video promotion of television...

...which the general program being promoted is shown. Accordingly, there exists a need for an **electronic program guide** which can provide improved display and linking of video promotions with program schedule information and order processing functions.

The prior **electronic program guides** also fail to provide the user with a simple and efficient method of controlling access...

...individual programs and channels using a flexible and uncomplicated on-screen user interface.

The prior **electronic program guides** are also deficient in that they do not provide the user with the ability to...

...user is unable to determine the subject matter of the program. For example, a recent **television program** display included the following text in a grid cell: "Baseball: Yankees v." Although some systems...

...minute cells may require only one line of text to display the title.

The prior **electronic program guides** also lack a method for creating a viewing itinerary electronically while still viewing a program
...

...program schedule information for each channel as the user surfs through

...video hints in partial overlaying relationship with said program guide information screen in such a **position** as not to obscure the **position** of said cursor.

10. An **electronic television program guide** system comprising:
means for receiving (29) user control commands for controlling the operation of said...

...wherein said information screen comprises a portion of program schedule information for a plurality of **television program**.

12. The system of claim 10 wherein said particular condition is based on one or...

...video hints in partial overlaying relationship with said program guide information screen in such a **position** as not to obscure the **position** of said cursor.

20. The system of claim 10 further comprising a remote control device (31, 40) for generating said user control commands.
21. A process for providing an **electronic television program guide** comprising:
receiving user control commands for controlling the operation of said guide;
determining the elapsed...

16/3,K/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01529435

Program guide system with video-on-demand browsing

Programmfuhrersystem mit Video-auf-Anfrage Navigation

Système de guide de programmes avec visualisation de titres de films

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Applicant designated States: all)

INVENTOR:

Ellis, Michael D., 1300 Kingwood Place, Boulder, Colorado 80304, (US

LEGAL REPRESENTATIVE:

Reeve, Anna Elizabeth et al (80792), Kilburn & Strode, 20 Red Lion Street
, London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1276321 A1 030115 (Basic)

APPLICATION (CC, No, Date): EP 2002078919 990518;

PRIORITY (CC, No, Date): US 262870 990304; US 86046 P 980519

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 1080581 (EP 99924339)

INTERNATIONAL PATENT CLASS: 1H04N-007/173

ABSTRACT WORD COUNT: 69

NOTE:

Figure number on first page: 6B

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200303	426
SPEC A	(English)	200303	6098
Total word count - document A			6524
Total word count - document B			0
Total word count - documents A + B			6524

INVENTOR:

Ellis, Michael D ...

INTERNATIONAL PATENT CLASS: H04N-007/173

...ABSTRACT A1

An **interactive television video-on-demand program guide** system having a main display screen is provided in which a program guide display is...

...SPECIFICATION A1

Background of the Invention

This invention relates to **interactive television program guides**, and more particularly, to **television program guides** that allow viewers to browse video-on-demand programs. A **television program** and a **program guide** display containing information for video-on-demand programs may be simultaneously displayed on a display...

...demand service where a telecasting service is provided that implements the ability to offer video **program** upon viewer demand.

Television program guides help **television** viewers to select programs of interest. Television viewers have traditionally consulted printed program schedules to...

...choose from. As the number of potential programs of interest to the viewer has increased, **interactive electronic program guides** have been developed to help viewers determine which programs may be of particular interest. Such **interactive program guides** are usually implemented using a microprocessor-controlled set-top box that is coupled to the...

...viewer can direct the remote control to command the set-top box to display that **program**.

Current **interactive video-on-demand program guides** display program listings on the viewer's display screen. A text description of the displayed...

...viewer to simultaneously view both a video-on-demand program guide display and a selected **television program** on a **television** display screen.

Summary of the Invention

These and other objects of the invention are accomplished in accordance with the principles of the present invention by providing an **interactive television program guide** system with a video-on-demand browse capability. The present invention provides an **interactive television program guide** system, said system being as defined in claim 1 of the accompanying claims. It also provides a method for using an **interactive television program guide** system as defined in claim 27.

A viewer may direct the program guide to present a **program guide** display on viewer **television** equipment that contains video-on-demand programs. The program guide display of the present invention...

...the program guide display is active, the program guide may reduce the amount of screen **area** used by the current channel so that the program guide display and the current channel...viewer's display screen.

FIG. 2 is a diagram of a system in which an **interactive television program guide** may be implemented in accordance with the present invention.

FIG. 3 is a diagram of...

which set-top box 34 is currently tuned continues to be displayed on the
...
...information for the currently shown program. As a result, the viewer can
watch a selected **television program** while browsing automatically
updated text descriptions of video-on-demand programs. This feature may
be...

...CLAIMS A1

1. An **interactive television video-on-demand program guide** system implemented on viewer television equipment having a main display screen comprising:
means for displaying...
- ...for indicating that the video clip preview is available for the displayed video-on-demand **program**.
2. The **interactive television program guide** system defined in claim 1 wherein the indicating means is an icon.
3. The **interactive television program guide** system defined in claim 1 further comprising means for displaying a requested video clip preview in a video window.
4. The **interactive television program guide** system defined in claim 3 further comprising means for automatically displaying a purchase screen immediately after the video clip preview is shown.
5. The **interactive television program guide** system defined in claim 1 further comprising means for displaying a requested video clip preview in a full screen video window.
6. The **interactive television program guide** system defined in claim 1 further comprising means for displaying a requested video clip preview in a partial screen video window while the program guide display is displayed.
7. The **interactive television program guide** system defined in claim 6 further comprising means for displaying a given **television program** while the partial screen video window and the program guide display are displayed.
8. A method for providing an **interactive television video-on-demand program guide** system implemented on viewer television equipment having a main display screen comprising:
displaying a program...
- ...14. The method defined in claim 13 wherein the requesting further comprises displaying a given **television program** while the partial screen video window and the program guide display are displayed,

16/3,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01111979

PROGRAM GUIDE SYSTEM WITH VIDEO-ON-DEMAND BROWSING
PROGRAMMFUHRERSYSTEM MIT VIDEO-AUF-ANFRAGE NAVIGATION
SYSTEME DE GUIDE DE PROGRAMMES AVEC VISUALISATION DE TITRES DE FILMS VIDEO
A LA CARTE

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Proprietor designated states: all)

INVENTOR:

ELLIS, Michael, D., 1300 Kingwood Place, Boulder, CO 80304, (US)

LEGAL REPRESENTATIVE:

Hale, Peter et al (60281), Kilburn & Strode 20 Red Lion Street, London

WC1R 4PJ, (GB)
PATENT (CC, No, Kind, Date): EP 1080581 A1 010307 (Basic)
EP 1080581 B1 030326
WO 99060790 991125
APPLICATION (CC, No, Date): EP 99924339 990518; WO 99US11015 990518
PRIORITY (CC, No, Date): US 86046 P 980519; US 262870 990304
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE
RELATED DIVISIONAL NUMBER(S) - PN (AN):
EP 1276321 (EP 2002078919)
INTERNATIONAL PATENT CLASS: H04N-007/173
NOTE:

No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200313	1799
CLAIMS B	(German)	200313	1684
CLAIMS B	(French)	200313	2266
SPEC B	(English)	200313	6069
Total word count - document A			0
Total word count - document B			11818
Total word count - documents A + B			11818

INVENTOR:

ELLIS, Michael, D ...
INTERNATIONAL PATENT CLASS: H04N-007/173

...SPECIFICATION B1

Background of the Invention

This invention relates to **interactive television program guides**, and more particularly, to **television program guides** that allow viewers to browse video-on-demand programs. A **television program** and a **program guide** display containing information for video-on-demand programs may be simultaneously displayed on a display...

...demand service where a telecasting service is provided that implements the ability to offer video **program** upon viewer demand.

Television program guides help **television** viewers to select programs of interest. Television viewers have traditionally consulted printed program schedules to...

...choose from. As the number of potential programs of interest to the viewer has increased, **interactive electronic program guides** have been developed to help viewers determine which programs may be of particular interest. Such **interactive program guides** are usually implemented using a microprocessor-controlled set-top box that is coupled to the...

...viewer can direct the remote control to command the set-top box to display that **program**.

Current **interactive** video-on-demand **program guides** display program listings on the viewer's display screen. A text description of the displayed...

...viewer to simultaneously view both a video-on-demand program guide display and a selected **television program** on a **television** display screen.

- programme de television** et d'un ecran de presentation de guide de programmes occupant une partie de l...
- ...de guide des programmes sous la forme d'une incrustation dans la partie superieure du **programme de television** donne.
29. Procede suivant la revendication 27, dans lequel l'etape d'affichage simultane comprend...
- ...outre la reduction de la surface de l'ecran d'affichage principal occupee par le **programme de television** lorsque l'ecran de presentation de guide des programmes est actif, de telle sorte que le **programme de television** puisse etre regarde sans etre masque.
30. Procede suivant la revendication 27, dans lequel les...
- ...Procede suivant la revendication 27, comprenant la possibilite pour le telespectateur de regarder d'autres **programmes de television** disponibles en utilisant des touches d'une telecommande.
37. Procede suivant la revendication 27, dans...

16/3,K/5 (Item 5 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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00919143

IMPROVED ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH POP-UP HINTS
VERBESSERTES ELEKTRONISCHES FERNSEHPROGRAMMFUHRUNGSSYSTEM UND -VERFAHREN MIT MOMENTAN ERSCHINENDEN HINWEISMELDUNGEN
SYSTEME ET PROCEDE DE PROGRAMMATION AMELIOREE POUR GUIDE D'EMISSIONS DE TELEVISION ELECTRONIQUE AVEC MESSAGES D'AIDE INCRUSTES
 PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa, OK 74136, (US), (Proprietor designated states: all)

INVENTOR:

DAVIS, Bruce, 333 South State St #145, Lake Oswego, OR 97034, (US)
 ELLIS, Michael, Dean , 1300 Kingwood Place, Boulder, CO 80304, (US)
 KNUDSON, Edward, Bruce , 11055 W. Rowland Avenue, Littleton, CO 80127, (US)

MILLER, Larry, 35 Glenmore Drive, Greenwood Village, CO 80111, (US)

LEGAL REPRESENTATIVE:

Hale, Peter et al (60281), Kilburn & Strode 20 Red Lion Street, London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 908052 A1 990414 (Basic)
 EP 908052 B1 040114
 WO 1997050251 971231

APPLICATION (CC, No, Date): EP 97933132 970624; WO 97US9703 970624

PRIORITY (CC, No, Date): US 668930 960624

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):
 (EP 2003078913)

INTERNATIONAL PATENT CLASS: H04N-007/173

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200403	1172
CLAIMS B	(German)	200403	1066

CLAIMS B	(French)	200403	1318
SPEC B	(English)	200403	21226
Total word count - document A			0
Total word count - document B			24782
Total word count - documents A + B			24782

IMPROVED ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH POP-UP HINTS

INVENTOR:

... US)
ELLIS, Michael, Dean ...

...US)
KNUDSON, Edward, Bruce ...

INTERNATIONAL PATENT CLASS: **H04N-007/173**

...SPECIFICATION B1

BACKGROUND OF THE INVENTION

This invention relates to an **electronic program** schedule system, which provides a user with schedule information for broadcast or cablecast programs viewed by the user on a television receiver. More particularly, it relates to an improved **electronic program guide** that provides the user with a more powerful and convenient operating environment, while, at the same time, increasing the efficiency of navigation by the user through the guide.

Electronic program guides for **television** systems are known in the art. For example, one prior system used an electronic character...

...for Smart TV", published in the November 1990 issue of Popular Science. Collectively, the prior **electronic program** systems may be difficult to implement and cumbersome to use. They also fail while the...

...take to provide assistance in progressing through the scene.

However, current application software programs, like **electronic program guides**, lack adequate help features in several respects. In general, such programs do not provide for...

...defined context.

According to a first aspect of the present invention there is provided an **electronic television program guide** system comprising:
 means for receiving user control commands for controlling the operation of said guide...

...a second aspect of the present invention there is provided a process for providing an **electronic television program guide** comprising:
 receiving user control commands for controlling the operation of said guide;
 determining the elapsed...

...a remote controller that can be used in connection with the preferred embodiment of the **electronic program guide** system of the present application.

Fig. 4 depicts an alternative embodiment of the remote controller...

...D are a flow chart showing the operation logic required for implementation of a computer **program** for the **electronic program guide**.

Fig. 37 is a menu showing a Locator screen for locating channel numbers and defining...

...derivees desdites informations de grille de programmes.
 18. Processus pour fournir un guide electronique de **programmes** de **television** comprenant :
 la reception de commandes utilisateur pour commander l'execution dudit guide ;
 la determination du...
 ...plus recente ;
 la memorisation i) d'informations de grille de programmes pour une pluralite de **programmes** de **television** , et ii) d'une pluralite de suggestions predeterminees pour executer ledit guide dans lequel chaque...
 ...desdites suggestions suivant un rapport de chevauchement partiel avec ledit ecran d'information dans une **position** telle qu'elle ne masque pas la **position** dudit curseur.
 26. Processus suivant l'une quelconque des revendications 19 a 25 dans lequel...

16/3,K/6 (Item 6 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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00828632
 ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD
 INCLUDING VIRTUAL CHANNELS
 VERFAHREN UND EINRICHTUNG ZUR PLANUNG EINER ELEKTRONISCHEN
 FERNSEHPROGRAMMANWEISUNG MIT VIRTUELLEN KANALEN
 SYSTEME ET PROCEDE DE PROGRAMMATION ELECTRONIQUE D'EMISSIONS DE TELEVISION
 SERVANT DE GUIDES DE PROGRAMMES TV , UTILISANT DES CANAUX VIRTUELS
 PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa, OK 74136, (US), (Proprietor designated states: all)

INVENTOR:

MILLER, Larry, 35 Glenmoore Drive, Greenwood Village, CO 80111, (US)
 KNUDSON, Edward, Bruce , 11055 W. Rowland Avenue, Littleton, CO 80127, (US)

DAVIS, Bruce, 5505 Preserve Parkway South, Greenwood Village, CO 80121, (US)

DARATA, Paul, 2599 W. Long Circle, Littleton, CO 80120, (US)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 830787 A1 980325 (Basic)
 EP 830787 B1 020227
 WO 9641477 961219

APPLICATION (CC, No, Date): EP 96918220 960606; WO 96US9203 960606

PRIORITY (CC, No, Date): US 476215 950607

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: H04N-007/173 ; H04N-005/445

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200209	682
CLAIMS B	(German)	200209	604
CLAIMS B	(French)	200209	806

SPEC B (English) 200209 19656
Total word count - document A 0
Total word count - document B 21748
Total word count - documents A + B 21748

ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD
INCLUDING VIRTUAL CHANNELS
SYSTEME ET PROCEDE DE PROGRAMMATION ELECTRONIQUE D'EMISSIONS DE TELEVISION
SERVANT DE GUIDES DE PROGRAMMES TV , UTILISANT DES CANAUX VIRTUELS
INVENTOR:
... US)
KNUDSON, Edward, Bruce ...
INTERNATIONAL PATENT CLASS: H04N-007/173 ...

... H04N-005/445

...SPECIFICATION B1

Background of the Invention.

This invention relates to an **electronic program** schedule system, which provides a user with schedule information for broadcast or cablecast programs viewed by the user on a television receiver. More particularly, it relates to an improved **electronic program guide** that provides the user with a more powerful and convenient operating environment, while, at the same time, increasing the efficiency of navigation by the user through the guide.

Electronic program guides for television systems are known in the art. For example, one prior system used an electronic character...

...for Smart TV," published in the November 1990 issue of Popular Science.

Collectively, the prior **electronic program** systems may be difficult to implement and cumbersome to use. They also fail to provide...

...that address in a more realistic manner the viewing habits of the users of these **electronic program** systems. Moreover, many of these systems are complex in their design and are expensive to implement. Ease of use and economy are primary concerns of **television program** distributors and viewers as they contemplate dramatic increases in the number and nature of **program** networks and other **television**-based services. And, as the number of television channels available to a user increases dramatically...

...linking the user to other applications or information systems which are not part of the **electronic program guide** application or data.

The prior **electronic program guides** also lack a method for creating a viewing itinerary electronically while still viewing a program ...

...surfs the available channels.

Accordingly, there is a need in the art for a simplified **electronic program** schedule system that may be more easily implemented, and which is appealing and efficient in operation. There is also a need to provide the user with an **electronic program** schedule system that displays both broadcast programs and electronic schedule information in a manner not previously available with other **electronic program** schedule systems, particularly those using a remote controller.

There also exists a need for **electronic program guide** that operates as a shell or window to provide the user with the capability to access other applications or information systems that are not part of the **electronic program guide** application or data.

- There also exists a need for an electronic programming guide that provides...
- ...a remote controller that can be used in connection with the preferred embodiment of the **electronic program guide** system of the present application.
 Fig. 4 depicts an alternative embodiment of the remote controller...36 is a flow chart showing the operation logic required for implementation of a computer **program** for the **electronic program guide**.
 - Fig. 37 is a menu showing a Locator screen for locating channel numbers and defining...
 - ...an alternative menu that can be used in a MENU mode of operation of the **electronic program guide**.
 Fig. 38A and 38B show, respectively, an alternative main menu screen and a listing-by...PREFERRED EMBODIMENT
- System Configuration
- Fig. 1 is a block diagram showing various components of the **electronic program** schedule system generally designated as 10. Physically, these system components can be located in a...
- ...invention, the transmitted data stream may additionally contain application software for implementing or updating the **electronic program guide** at the user site.
 The transmitted program schedule data or application software is received by...
 - ...data passed to the buffer 15. Bootstrap operating software, which may be used for capturing **electronic program guide** application software updates, is stored in a read only memory (ROM) 17. The microcontroller 16 ...remaining keys follows.
 The MODE key 38 takes the user through various layers of the **electronic program** schedule system 10 and generally allows the user to return to a previous screen when...
 - ...The up/down direction arrow keys 37A allow a user to navigate through the different **TV program** channels when the program schedule system is in a FLIP or BROWSE mode, as will...the program schedule system. The icons 47A and 47B may also be displayed on the **TV** screen when the **program** schedule system is operating. The icon keys essentially replace the MODE key 38 used in...
 - ...instructions that guide the user through the operation of the various operating modes of the **electronic television program guide**. They may be text messages, or instructional video images, or audio programs, depending on the...
 - ...e., the messages displayed depend entirely upon the precise point in the operation of the **electronic program guide** that the user depresses the help key 48A. For example, information could be supplied for...
 - ...keypad on the user's cable box or other hardware.

System Operation

In operation, the **electronic program** schedule system of the present invention functions as follows.

FLIP Mode

When the user is viewing a particular **program** channel on the

...CLAIMS des commandes du processeur de donnees (16), dans lequel le
systeme permet d'afficher les programmes de television et
d'autres contenus sur le moniteur de television (27) a l'aide d'une
...

16/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00815921

ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH
REMOTE PRODUCT ORDERING
VORRICHTUNG UND VERFAHREN ZUR ELEKTRONISCHEN FERNSEHPROGRAMMZEITPLANUNG MIT
WARENFERNBESTELLUNG
SYSTEME ELECTRONIQUE DE CHOIX DE PROGRAMMES TELEVISUELS ET PROCEDE
PERMETTANT DE PASSER COMMANDE DE PRODUITS A DISTANCE

PATENT ASSIGNEE:

United Video Properties, Inc., (2770780), 7140 South Lewis Avenue, Tulsa,
OK 74136, (US), (Proprietor designated states: all)

INVENTOR:

ELLIS, Michael, D. , 1300 Kingwood Place, Boulder, CO 80304, (US)
DAVIS, Bruce, 5505 Preserve Parkway South, Greenwood Village, CO 80121,
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KNUDSON, Edward , 11055 W. Rowland Avenue, Littleton, CO 80127, (US)

MILLER, Larry, 35 Glenmoore Drive, Greenwood Village, CO 80111, (US)

LEGAL REPRESENTATIVE:

Hale, Peter et al (60281), Kilburn & Strode 20 Red Lion Street, London
WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 823179 A1 980211 (Basic)

EP 823179 B1 040811

EP 823179 B1 040811

WO 1996034491 961031

APPLICATION (CC, No, Date): EP 96913121 960424; WO 96US5729 960424

PRIORITY (CC, No, Date): US 428809 950424

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

(EP 2004015821)

INTERNATIONAL PATENT CLASS: H04N-007/025 ; H04N-007/173

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

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CLAIMS B	(English)	200433	1363
CLAIMS B	(German)	200433	1292
CLAIMS B	(French)	200433	1617
SPEC B	(English)	200433	19791

Total word count - document A 0

Total word count - document B 24063

Total word count - documents A + B 24063

ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH
REMOTE PRODUCT ORDERING

INVENTOR:

ELLIS, Michael, D ...

...US)

KNUDSON, Edward ...

INTERNATIONAL PATENT CLASS: H04N-007/025 ...

... H04N-007/173

...SPECIFICATION B1

Background of the Invention

This invention relates to an **electronic program** schedule system, which provides a user with schedule information for broadcast or cablecast programs viewed by the user on a television receiver. More particularly, it relates to an **electronic program guide** that provides the user with the capability to order products and services remotely at the...

...simply by depressing a button on a remote control device or other user-controlled device.

Electronic program guides ("EPGs") for **television** systems are known in the art. For example, one prior system used an electronic character...

...for Smart TV", published in the November 1990 issue of Popular Science.

Collectively, the prior **electronic program** systems may be difficult to implement and cumbersome to use. They also fail to provide...

...that address in a more realistic manner the viewing habits of the users of these **electronic program** systems. Moreover, many of these systems are complex in their design and are expensive to implement. Ease of use and economy are primary concerns of **television program** distributors and viewers as they contemplate dramatic increases in the number and nature of **program** networks and other **television**-based services. And, as the number of television channels available to a user increases dramatically...

...technologies, the utility of these prior systems substantially diminishes.

WO-A-94/14283 discloses an **electronic television program** schedule system with Pay-Per-View (PPV) ordering capability wherein, after display of a PPV...

...in the art, however, is an interactive home shopping service deployed in conjunction with an **EPG** permitting users of the **EPG** to remotely order products and services associated with the **EPG** or the program listings included in the **EPG**.

This problem is solved according to the invention by apparatus as claimed in claim 1...

...Description of the Drawings

Fig. 1 is a block diagram showing various components of an **electronic program** schedule system which may support the present invention.

Fig. 2 is a block diagram...

...device.

Fig. 3 depicts a remote controller that can be used in connection with the **electronic program** schedule system.

Fig. 4 depicts an alternative example of the remote controller shown in Fig...

...shows an overlay appearing on a television screen in one mode of

plurality of...

...is provided for transmitting said request or order to a remote processing facility, whereby said **television program** schedule system has product ordering capability.

2. The system of claim 1, further comprising:
 - a...

...order substantially immediately following the generation of said order.

17. A method for displaying an **electronic television program** schedule comprising:

storing program schedule information for a plurality of programs;
providing user control commands...

16/3,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00824570 **Image available**

SYSTEMS AND METHODS FOR PROVIDING PROMOTIONS WITH RECORDED PROGRAMS

SYSTEMES ET PROCEDES DIFFUSANT DES PROMOTIONS AVEC DES PROGRAMMES ENREGISTRES

Patent Applicant/Assignee:

UNITED VIDEO PROPERTIES INC, 7140 South Lewis Avenue, Tulsa, OK 74136, US
, US (Residence), US (Nationality)

Inventor(s):

CORVIN Johnny B , 11245 South Emerson Pl., Jenks, OK 74037, US,
HEDGES L Joe, 9311 South Norwood, Tulsa, OK 74137, US

Legal Representative:

PIERRI Margaret A (et al) (agent), c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200158154 A2-A3 20010809 (WO 0158154)

Application: WO 2001US3268 20010201 (PCT/WO US0103268)

Priority Application: US 2000179548 20000201

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5687

Inventor(s):

CORVIN Johnny B ...

Main International Patent Class: **H04N-005/782**

Fulltext Availability:

Detailed Description

Detailed Description

... accordance with various embodiments of the present invention;

FIG. 4 is an illustration of an **interactive program guide** grid display that may be used to implement various embodiments of the present invention; FIG. 5 is an illustration of an **interactive program guide** search-sort display that may be used to implement various embodiments of the present invention...selected programs to be recorded. A designation may be entered by the user through an **interactive program guide** or an online program guide.

Examples of such guides are provided by TV Guide and...network 140 may be the Internet, a satellite communications system, a cable system, a Local **Area** Network, a Wide **Area** Network, etc., or any combination of the same. Communication network 140 may use digital or...on a display at a user's request.

FIG. 4 is an illustration of an **interactive program guide** grid display screen 410 that may be used to select a program to record in...

...may further include program grid 470.

- 13

Program grid 470 may be divided into a **plurality** of program **cells** 480. Each program cell 480 may contain a particular **television program** name and may be selectable. The width of each cell may correspond to 5 the...

16/3,K/9 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00529438 **Image available**
PROGRAM GUIDE SYSTEM WITH VIDEO-ON-DEMAND BROWSING
SYSTEME DE GUIDE DE PROGRAMMES AVEC VISUALISATION DE TITRES DE FILMS VIDEO
A LA CARTE

Patent Applicant/Assignee:

UNITED VIDEO PROPERTIES INC,

Inventor(s):

ELLIS Michael D

Patent and Priority Information (Country, Number, Date):

Patent: WO 9960790 A1 19991125

Application: WO 99US11015 19990518 (PCT/WO US9911015)

Priority Application: US 9886046 19980519; US 99262870 19990304

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10757

Inventor(s):

ELLIS Michael D ...

Main International Patent Class: H04N-007/173

Fulltext Availability:

Detailed Description

Claims

English Abstract

An **interactive television program guide** system is provided in which a viewer may direct a television to simultaneously display a selected **television program** and a **program guide** display. A viewer may use the program guide display to browse available video-on-demand...

Detailed Description

... SYSTEM WITH

VIDEO-ON-DEMAND BROWSING

Back(ground of the Invention

This invention relates to **interactive**

5 television program guides, and more particularly, to **television program guides** that allow viewers to browse video-on-demand programs. A **television program** and a **program guide** display containing information for video on-demand programs may be simultaneously displayed on a 10...

...systems allow viewers to watch the programs contained in the database at virtually any time.

Television program guides help **television** viewers to select programs of interest. **Television** viewers have traditionally consulted printed program schedules to...

...choose from. As the number of potential programs of interest to the viewer has increased, **interactive electronic program guides** have been developed to help viewers determine which programs may be of particular interest. Such **interactive program guides** are usually implemented using a microprocessor-controlled set-top box that is coupled to the...

...viewer

can direct the remote control to command the set-top box to display that **program**.

Current **interactive** video-on-demand **program**

guides display program ...viewer to simultaneously view both a video-on

demand program guide display and a selected **television program** on a **television** display screen.

Summary of the Invention

These and other objects of the invention are accomplished in accordance with the principles of the present invention by providing an **interactive television program guide** system with a video-on-demand browse capability. A viewer may direct the program guide to present a **program guide** display on viewer **television** equipment that contains video-on-demand programs.

active such that said **television program** may be viewed unobscured.

53 The method defined in claim 50 wherein the video-on...viewer with an option to cancel said ordered program.

75 A method for providing an **interactive television** video-on-demand **program guide** system implemented on viewer television equipment having a main display screen comprising:
displaying a program...said ordered program indicated by said reminding means. - 47

90 A method for providing an **interactive television** video-on-demand **program guide** system implemented on viewer television equipment having a main display screen comprising:
displaying a program...97 The method defined in claim 96 wherein said requesting further comprises displaying a given **television program** while said partial screen video window and said program guide display are displayed.

16/3,K/10 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00529432 **Image available**
PROGRAM GUIDE SYSTEM WITH VIDEO WINDOW BROWSING
SYSTEME DE GUIDE DE PROGRAMMES AVEC AFFICHAGE DE FILMS VIDEO A LA CARTE

Patent Applicant/Assignee:

UNITED VIDEO PROPERTIES INC,

Inventor(s):

REYNOLDS Steven J,

RUDNICK David M,

HASSELL Joel G,

ELLIS Michael D

Patent and Priority Information (Country, Number, Date):

Patent: WO 9960784 A1 19991125

Application: WO 99US11016 19990518 (PCT/WO US9911016)

Priority Application: US 9886051 19980519; US 99262670 19990304

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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11198

Inventor(s):

... **ELLIS Michael D**

Main International Patent Class: **H04N-005/445**

Fulltext Availability:

Detailed Description

Claims

English Abstract

An **interactive television program guide** system is provided in which a viewer may direct a television to simultaneously display a selected **television program**, a **program guide** display, and a program guide video window. A viewer may use the program guide video...

French Abstract

La presente invention concerne un guide de **programmes de television** interactif grace auquel l'utilisateur peut afficher simultanement le **programme de television** selectionne, un guide des programmes et un guide de films video a la carte. Il...

...de films video a la carte tout en continuant de visionner en arriere plan le **programme de television** choisi anterieurement. Le guide de programmes peut egalement afficher le catalogue des films video disponibles...

Detailed Description

PROGRAM GUIDE SYSTEM WITH
VIDEO WINDOW BROWSING

Background of the Invention

This invention relates to **interactive television program guides**, and more particularly, to **television program guides** that support a video window function which may be used when browsing for available **television programs**. A **television program**, a **program guide** display and a program guide video window may be displayed on the display screen at...

...while a PIP video window containing images of another channel is overlaid on a small **area** of the background.

This feature allows viewers to simultaneously view video of programs being broadcast...

...may enter and exit PIP mode by using specified keys on a remote control unit.

Television program guides help **television** viewers to select programs of interest. Viewers have traditionally consulted printed **television program** schedules to determine programs being broadcast at a particular time. Recently, cable, satellite, and broadcast...

...choose from. As the number of potential programs of interest to the viewer has increased, **interactive electronic program guides** have been developed to help viewers determine which programs may be of particular interest. Such **interactive program guides** may be implemented using a microprocessor-controlled set-top box that is coupled to the...

...remote control cursor keys to scan through a list of available programming while still watching **television**. once a **program** of interest has been located, the viewer can use a remotQ control to command the set-top box to tune to the displayed **program** listing.

Interactive programs guides may be arranged

...program
guide to request and display such video clips in the
video window.

28 The interactive television program guide
system defined in claim 26 wherein said indicating
means is an icon.

29 A method for using an interactive
television program guide system implemented on viewer
television equipment having a main display screen
comprising the steps of:
simultaneously displaying on the main
display screen (a) a television program, (b) a partial
screen program guide display including at least one
program listing, (c) a...

...further comprises:
displaying the program guide display as
an overlay on top of said given television program.

31 The method defined in claim 29 wherein
the displaying step further comprises:
displaying the video window as an
overlay on top of said given television program.

32 The method defined in claim 29 wherein
the displaying step further comprises:
reducing the main display screen area
occupied by said television program when said program
guide display is active such that said television
program may be viewed unobscured.

33 The method defined in claim 29 wherein
said displaying step...

16/3,K/11 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00409506

IMPROVED ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND
METHOD WITH POP-UP HINTS
SYSTEME ET PROCEDE DE PROGRAMMATION AMELIOREE POUR GUIDE D'EMISSIONS DE
TELEVISION ELECTRONIQUE AVEC MESSAGES D'AIDE INCRUSTES

Patent Applicant/Assignee:

NEWS AMERICA PUBLICATIONS INC,
TELECOMMUNICATIONS OF COLORADO INC,

Inventor(s):

DAVIS Bruce,
ELLIS Michael Dean ,
KNUDSON Edward Bruce ,
MILLER Larry

Patent and Priority Information (Country, Number, Date):

Patent: WO 9750251 A1 19971231
Application: WO 97US9703 19970624 (PCT/WO US9709703)
Priority Application: US 96668930 19960624

Designated States:

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AU BR CA CN JP KR PL AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 26540

IMPROVED ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH POP-UP HINTS

Inventor(s):

... **ELLIS Michael Dean** ...

... **KNUDSON Edward Bruce**

Main International Patent Class: **H04N-007/173**

Fulltext Availability:

Detailed Description

Claims

English Abstract

An **electronic program** schedule system which includes a receiver for receiving broadcast, satellite or cablecast television programs for...

...one of the plurality of channels. A data processor receives and stores in a memory **television program** schedule information for a plurality of television programs to appear on the plurality of television...

...signals in response to user control commands. A television receiver is used to display the **television programs** and **television program** schedule information. A video display generator receives video control commands from the data processor and...

...predetermined period of user inactivity to display pop-up hints for the user's current **position** in the guide in overlaying relationship with the program schedule information.

French Abstract

Cette invention se rapporte a un systeme de **programmation** d'emissions de **television** electronique, qui comprend un recepteur destine a recevoir des **programmes** de **television** telediffuses, diffuses par satellite ou par cable pour plusieurs canaux de television, ainsi qu'un ...

...Un processeur de donnees recoit et stocke en memoire les informations de programmation pour plusieurs **programmes** de **television**, afin de les faire apparaitre sur plusieurs canaux de television. Un appareil de commande d...

...aux instructions de commande d'utilisateur. Un recepteur de television est utilise pour afficher les **programmes** de **television** et les informations de **programmation** des emissions de **television**. Un generateur d'affichage video recoit les instructions de commande video provenant du processeur de...

...informations de programmation d'emissions dans au moins un mode de fonctionnement du guide de **programmation** de **television**. Le processeur de donnees commande le generateur d'affichage video au moyen des instructions de...

...d'inactivite de l'utilisateur, afin d'afficher des messages d'aide incrustes selon la **position** courante de l'utilisateur dans le guide en surimpression par rapport aux informations de programmation...

Detailed Description

IMPROVED **ELECTRONIC TELEVISION PROGRAM**

GUIDE SCHEDULE SYSTEM AND METHOD WITH POP-UP HINTS

This application is a continuation-in-part...

...367, filed

Sept. 9, 1993.

5 Background of the Invention

This invention relates to an **electronic program** schedule system, which provides a user with schedule information for broadcast or cablecast programs viewed by the user on a television receiver. More particularly, it relates to an improved **electronic program guide** that provides the user with a more powerful and convenient operating environment, while, at the same time, increasing the efficiency of navigation by the user through the guide.

Electronic program guides for television systems are known in the art. For example, one prior system used an electronic character...

...for Smart TV," published in the November 1990 issue of Popular Science.

Collectively, the prior **electronic program** systems may be difficult to implement and cumbersome to use. They also fail to provide...

...that address in a more realistic manner the viewing habits of the users of these **electronic program** systems. Moreover, many of these systems are complex in their design and are expensive to implement. Ease of use and economy are primary concerns of **television program** distributors and viewers as they contemplate dramatic increases in the number and nature of **program** networks and other **television** -based services.

And, as the number of television channels available to a user increases dramatically...linking the user to other applications or information systems which are not part of the **electronic program guide** application or data.

Nor do these prior electronic guide systems provide 30 video promotion of...

...the general program being promoted is shown. Accordingly, there exists a need for an **electronic program guide** which can provide improved display and linking of video promotions with program schedule information and order processing functions.

The prior **electronic program guides** also fail to provide the user with a simple and efficient method of controlling access...

...individual programs and channels using a flexible and uncomplicated on-screen user interface.

The prior **electronic program guides** are also deficient in that they do not provide the user with the ability to...is unable to determine the subject matter of the program. For example, a recent **television program** display included the following text in a grid cell: "Baseball: Yankees v. 11 Although some..."

33 A process for providing an **electronic television program guide** comprising:
receiving user control commands for controlling
the operation of said guide;
determining the elapsed...and displaying said
25 hints in overlaying relationship with said information screen in
such a **position** as not to obscure the **position** of said cursor.

43 The process of claim 33 wherein said predetermined
hint is selected...

...based upon information
derived from said program schedule information.

48 A process for providing an **electronic television**
10 **program guide** comprising:
receiving user control commands for controlling
the operation of said guide;
storing i) program...

...processing means based upon said
35 program guide operating point.
. A process for providing an **electronic television**
program guide comprising:
receiving user control commands for controlling
the operation of said guide;
determining the elapsed...hint in partial overlaying
relationship with said information screen so as not to obscure the
position of said cursor.

58 The process of claim 52 wherein said predetermined
hint is selected...

...upon information derived from said
15 program schedule information.

61 A process for providing an **electronic television**
program guide comprising:
receiving user control commands for controlling
the operation of said guide;
determining the elapsed...

16/3,K/12 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00351978 **Image available**
ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH
REMOTE PRODUCT ORDERING
SYSTEME ELECTRONIQUE DE CHOIX DE PROGRAMMES TELEVISUELS ET PROCEDE
PERMETTANT DE PASSER COMMANDE DE PRODUITS A DISTANCE

Patent Applicant/Assignee:

TV GUIDE ON SCREEN,

Inventor(s):

ELLIS Michael D ,
DAVIS Bruce,
KNUDSON Edward ,
MILLER Larry

Patent and Priority Information (Country, Number, Date):

Patent: WO 9634491 A1 19961031
Application: WO 96US5729 19960424 (PCT/WO US9605729)
Priority Application: US 95428809 19950424

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA CN JP KR PL AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 24328

**ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH
REMOTE PRODUCT ORDERING**

Inventor(s):

ELLIS Michael D ...

... KNUDSON Edward

Main International Patent Class: **H04N-007/025**

International Patent Class: **H04N-07:173**

Fulltext Availability:

Detailed Description

Claims

English Abstract

An **electronic program** schedule system with product ordering capability which includes a data processor for receiving program schedule ...

...generating user control commands and transmitting signals to the data processor in response thereto. The **television program** schedule information is displayed on a display apparatus such as a television receiver. A video...

Detailed Description

**ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD
WITH REMOTE PRODUCT ORDERING**

Background of the Invention

This application is...

...programs viewed by the user on a television receiver. More particularly, it relates to an **electronic program guide** that provides the user with the capability to order products and services remotely at the...

...simply by depressing a button on a remote control device or other user-controlled device.

Electronic program guides (11EPGs11) for **television** systems are known in the art. For example, one prior system used an electronic character...

...Smart TV," published in 25 the November 1990 issue of-Popular Science. Collectively, the prior **electronic program** systems may be difficult to implement and cumbersome to use. They also fail to provide...

...that address in a more realistic manner the viewing habits of the users of these **electronic program** 30 systems. Moreover, many of these systems are complex in their design and are expensive to implement. Ease of use and economy

18/3,K/1 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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01129346 **Image available**

**GRID-BASED SYSTEM AND METHOD FOR INTERACTING WITH EPG GRID
SYSTEME ET PROCEDE A GRILLE INTERAGISSANT AVEC UNE GRILLE DE GUIDE DE
PROGRAMMES ELECTRONIQUE**

Patent Applicant/Assignee:

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Legal Representative:

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92614, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200451989 A1 20040617 (WO 0451989)

Application: WO 2003US37274 20031120 (PCT/WO US03037274)

Priority Application: US 200265889 20021127

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17196

Fulltext Availability:

Claims

English Abstract

An embodiment of the invention is a technique to navigate a **user interface** for program selection. Program information of a **plurality** of program **cells** is displayed in a visible window. The **plurality** of program **cells** is in an **electronic program guide (EPG)** grid. A visual indicator is moved in the visible window from a current position in...
...next position in response to a user command. The next position corresponds to a program **cell** is the **plurality** of program **cells**. The next position is in one of the current and a next row. The visual...

Claim

I A **user interface** comprising:

a visible window displaying program information of a **plurality** of **program cells** in an **electronic program guide (EPG)** grid; and
a visual indicator in the visible window, the visual indicator being
to moved...

...user command and a move left user

command, the next position corresponding to a program **cell** in the **plurality** of program **cells** , said program cell being in another row.

2 The user interface of claim 1 wherein...

18/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01066495 **Image available**

**METHOD AND APPARATUS FOR BROWSING USING MULTIPLE COORDINATED DEVICE
PROCEDE ET DISPOSITIF D'EXPLORATION AU MOYEN DE PLUSIEURS DISPOSITIFS
COORDONNES**

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200396669 A2-A3 20031120 (WO 0396669)

Application: WO 2003US14449 20030508 (PCT/WO US03014449)

Priority Application: US 2002379635 20020510; US 2002408605 20020906; US
2003455433 20030317

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 116200

Fulltext Availability:

Detailed Description

Detailed Description

... sets only), so that a remote HTTP communications session may strictly
speaking be composed of **multiple** separate communications interchanges
at the protocol level that are related by the server into a...multiple
sleeves, carriers, docking stations, or other connection matrices and
used in conjunction with different **user interface** I/O device sets of
varying form factors, such as desktops, notebooks, tablets, and PDAs...

18/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00881405 **Image available**

SYSTEM AND METHOD FOR DISPLAYING ADVERTISING IN AN INTERACTIVE PROGRAM

GUIDE

SYSTEME ET PROCEDE D'AFFICHAGE DE BANDEAUX PUBLICITAIRES DANS UN GUIDE DE PROGRAMMES INTERACTIF

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200215571 A1 20020221 (WO 0215571)

Application: WO 2001US25399 20010814 (PCT/WO US0125399)

Priority Application: US 2000225209 20000814; US 2001283921 20010416

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12219

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... program cell when the second program cell enters the highlight cell.

Another embodiment of a **user interface** for an **interactive program guide**

includes a **plurality** of program **cells** arranged in at least one row or column on a display device and an advertisement...

...the other of the advertisement cell or program cells, respectively.

Another embodiment consists of a **user interface** for an **interactive program guide** with an advertisement in the guide whose movement is partially controlled from a remote location such as a cable system head end. The guide includes a **plurality** of program **cells** arranged in at least one row or column on a display device and an advertisement...

Claim

... the second program cell when the second program cell enters the highlight cell.

36 A **user interface** for an **interactive program guide**
displayable on a display
device, comprising:

a **plurality** of program **cells** arranged in at least one row or column

on a display device, the program cells...

...on the display device during movement of advertisement cell or program cells, respectively.

37 A user interface for an interactive program guide displayable on a display device, comprising:
a plurality of program cells arranged in at least one row or column on a display device, the program cells...

18/3,K/4 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00876811 **Image available**

SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DEVICE, OPERATING SYSTEM, AND NETWORK TRANSPORT NEUTRAL SECURE INTERACTIVE MULTI-MEDIA MESSAGING SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR POUR APPAREIL, SYSTEME D'EXPLOITATION ET MESSAGERIE MULTIMEDIA INTERACTIVE RESEAU, NEUTRE ET SECURISEE

Patent Applicant/Assignee:

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SAXBY David B, 14946 Granite Court, Saratoga, CA 95070, US,

Legal Representative:

ANANIAN R Michael (et al) (agent), Flehr Hohbach Test Albritton & Herbert LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200210962 A1 20020207 (WO 0210962)

Application: WO 2001US23713 20010727 (PCT/WO US0123713)

Priority Application: US 2000627357 20000728; US 2000627358 20000728; US 2000627645 20000728; US 2000628205 20000728; US 2000706606 20001104; US 2000706609 20001104; US 2000706610 20001104; US 2000706611 20001104; US 2000706612 20001104; US 2000706613 20001104; US 2000706614 20001104; US 2000706615 20001104; US 2000706616 20001104; US 2000706617 20001104; US 2000706621 20001104; US 2000706661 20001104; US 2000706664 20001104; US 2001271455 20010225; US 2001912715 20010725; US 2001912936 20010725; US 2001912905 20010725; US 2001912773 20010725; US 2001912885 20010725; US 2001912860 20010725; US 2001912941 20010725; US 2001912901 20010725; US 2001912772 20010725

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 169299

Fulltext Availability:
Detailed Description

Detailed Description

... story is a single, author once, play everywhere file or data/command structure that is **interactive** either on-line or off-line that can be used to distribute rich multimedia messages...distributed client/server system with server peering.

Sender/publisher 310 is connected across 1/0 **interface** 312 to **user interface** 314.

Sender/publisher 310, for example, can be a general-purpose computer, provides at...particular media part will be rendered.

The computer program instructions specify operations to render graphical **user interface** (GUI) components, media parts, and provide procedural control to user interaction with the GUI components...sender 310 creates and modifies storytellers 172.

For example, in one embodiment, such a Web **interface** provides a set of button controls that when selected by a user allows the user...not shown) connected to story enabled client 336. The GUI will have one or more **user interface** controls, for example, a dialog box, an edit control, and/or a combination box, to...network transport neutral method for implementing two or more security protocols such as 1) secure **interactive** sessions, 2) secure unidirectional messaging, 3) secure software downloading, 4) secure software upgrading, and 5...

18/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00864262

WHOLE CELL ENGINEERING BY MUTAGENIZING A SUBSTANTIAL PORTION OF A STARTING GENOME, COMBINING MUTATIONS, AND OPTIONALLY REPEATING
INGENIERIE CELLULAIRE COMPLETE PAR MUTAGENESE D'UNE PARTIE SUBSTANTIELLE D'UN GENOME DE DEPART, PAR COMBINAISON DE MUTATIONS ET EVENTUELLEMENT REPETITION

Patent Applicant/Assignee:

DIVERSA CORPORATION, 4955 Directors Place, San Diego, CA 92121, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SHORT Jay M, 6801 Paseo Delicias, P.O. Box 7214, Rancho Santa Fe, CA
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US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200196551 A2-A3 20011220 (WO 0196551)

Application: WO 2001US19367 20010614 (PCT/WO US0119367)

Priority Application: US 2000594459 20000614; US 2000677584 20000930

Parent Application/Grant:

Related by Continuation to: US 2000594459 20000614 (CIP); US 2000677584
20000930 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 336587

18/3,K/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00802534

ANY-TO-ANY COMPONENT COMPUTING SYSTEM

SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE

Patent Applicant/Assignee:

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TN 34705, US, US (Residence), US (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

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LOWE Steven, 1625 Starboard Drive, Hixson, TN 37343, US, US (Residence),
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Legal Representative:

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Trace, Suite 300, Marietta, GA 30067, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135216 A2-A3 20010517 (WO 0135216)

Application: WO 2000US31231 20001113 (PCT/WO US0031231)

Priority Application: US 99164884 19991112

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 275671

Fulltext Availability:

Claims

Claim

... small applications of the
Any-to-Any machine, is as follows:
173
Each item of **user** data - such as a letter - consists of a number of
Data
Component parts, or 'user'...

18/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784132

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A
COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN
ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Roadast, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116724 A2-A3 20010308 (WO 0116724)

Application: WO 2000US24084 20000831 (PCT/WO US0024084)

Priority Application: US 99386834 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150947

Fulltext Availability:

Detailed Description

Detailed Description

... fields contain valid data. These services significantly reduce the
application logic complexity inherent to an **interactive** windowed
interface.

Implementation considerations

In traditional client/server applications, Forms are windows that contain
widgets...which comprises one's

249

understanding of good architectures that meet the needs of their **users** .

Fon-ning a common pattern language for conveying the structures and mechanisms of architectures...would use to resolve the various performance issues.

For example, it's common to run **multiple** copies of a **Partitioned** Business Component across **multiple** servers to handle a greater transaction volume.

259

In Deployment 3612, the Partitioned Business Components...

18/3,K/8 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784126

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE
IN ENVIRONMENT SERVICES PATTERNS
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE
D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116706 A2-A3 20010308 (WO 0116706)

Application: WO 2000US24086 20000831 (PCT/WO US0024086)

Priority Application: US 99387873 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150318

Fulltext Availability:

Detailed Description

Detailed Description

... logical to conclude that the two types of Business Components
translate to two types of **Partitioned** Business Components, but a small
adjustment is required. Entity-centric Business Components translate
directly to...

...process. The former results in a Business Process Component, while the

latter results in a **User Interface** Component.

Figure 38 illustrates the relationship between the spectrum of Business Components 3800 and the...

...latter is the physical implementation of an automated process-centric Business Component (e.g., Billing).

User Interface Components 3808, on the other hand, require further explanation.

As mentioned above, a **User Interface** Component is the implementation of a business process that is user controlled, but more explicitly...

...Desktop, Shipping Desktop, and Claim Desktop. These are not to be confused with low-level **user interface** controls (e.g., Active X controls), rather **User Interface** Components are usually built from low-level **user interface** controls. The reason for the dashed arrow in the diagram above is a subtle one. It points to the fact that earlier in the development process **User Interface** Components are generally not modeled as process-centric Business Components. Instead, they typically originate from the workflow, dialog flow, and/or **user interface** designs. See Figure 39, which illustrates the flow of workflow, dialog flow, and/or **user interface** designs 3902, 3904, 3906 to a **User Interface** Component 3908. This makes complete sense given their direct tie to user controlled business processes...

...Business Entity Components 4002 and Business Process Components 4004 typically reside on a server, while **User Interface** Components 4006 typically reside on a client.

Figure 41 illustrates what makes up a Partitioned...

...engine, a JavaBean that encapsulates a reusable concept like address or monetary value, a complex **user interface** control that allows **users** to edit a list of order lines, a group of objects responsible for persistence, a...a variety of delivery information by developing only a channels with minimal impact to new **user interface** while reusing the core application. existing components.

Maintainable Making it easy to update an Making...

23/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00834128 **Image available**

**APPARATUS AND METHOD FOR PROVIDING A PLURALITY OF INTERACTIVE PROGRAM GUIDE
INITIAL ARRANGEMENTS**

**DISPOSITIF ET METHODE FOURNISSANT UNE PLURALITE DE VERSIONS INITIALES POUR
GUIDE DE PROGRAMMES INTERACTIF**

Patent Applicant/Assignee:

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Legal Representative:

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US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200167736 A2-A3 20010913 (WO 0167736)
Application: WO 2001US6663 20010228 (PCT/WO US0106663)
Priority Application: US 2000518041 20000302

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

BR CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 11588

Fulltext Availability:

Claims

Claim

... application)

38 That is, the subscriber presses a first key that invokes display of an
interactive program guide (IPG) 38 presentation session. The **IPG**
38 displays a program guide to the subscriber and populates the guide
with program data for selection.
Contained in the IPG 38 is a user interface component 39 that...

...the activation message from the SAM 36, the user interface 39 proceeds
in accessing an **IPG** database 40 and a configuration module 41 to
determine the appropriate program guide configuration (initial guide
arrangement or view) to present to the subscriber on the display 21. The
IPG database 40 contains program data files of current

I 1

and future television programs. An **IPG** configuration module 41 stores
settings that the user interface 39 will implement in creating the
display for the subscriber. According to the preferred embodiment of the
present invention, the **IPG** configuration module 41 includes a

the IPG screen 70' of FIG. 7 is displayed with the
23

currently tuned program becoming the "in-focus" program and is highlighted in the highlighted program area 72 in the main program display area 82. FIG. 14 is an example screen diagram of the IPG display 120 that illustrates the initial guide arrangement in a browse-by view title format for a current television program that the DHCT 16 as depicted in FIG. 2 presents the subscriber. As stated above, the browse-by menu 1 0 1 of the IPG screen 120 enables the subscriber to scroll between a time view, a theme view, and...

...The browse-by menu portion 1 0 1 initially takes the place of the ordering area 78, 81, 91 as shown in FIGS. 6-11. The current television program tuned by the DHCT 16 is displayed in the current program video area 73 with the current information banner 74. A scrolling transition to either the browse-by time or theme view via the browse-by menu 1 0 1 does not change the "in-focus" or currently showing program. Additionally, from this initial guide selection in browse-by title format...

...the subscriber "selects" the title view from the browse-by menu 1 0 1, the IPG screen 90' of FIG. 11 is displayed with the currently tuned program becoming the "in-focus" program and is centered and highlighted in the highlighted program area 72 in the main program display area 82. In an alternative embodiment, initial guide arrangements may be configured for a variety of...

...subscriber selects and saves a mode from one or more configurable modes in which an IPG 38 presents the initial guide arrangement each time the subscriber invokes an IPG display session. Responsive to a first subscriber input, a first configurable mode displays an initial...

...the subscriber provides secondary input to select a desired guide arrangement to initiate the current IPG session. Responsive to a first subscriber input, a second configurable mode displays an initial guide arrangement corresponding to the last guide arrangement effective at the time of exiting the last IPG display session. Responsive to a first subscriber input, a third configurable mode displays an initial...

23/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00344642

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS

Patent Applicant/Assignee:

ELECTRONIC PUBLISHING RESOURCES INC,

Inventor(s):

GINTER Karl L,
SHEAR Victor H,
SPAHN Francis J,
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9627155 A2 19960906

Application: WO 96US2303 19960213 (PCT/WO US9602303)

Priority Application: US 95388107 19950213

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE
KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ TM
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 207972

Fulltext Availability:

Detailed Description

Detailed Description

... for one or more RPC based

services. In addition to supporting SPU's 500, the RPC **interface** permits the dynamic integration of external services and provides an array of configuration options using...

?

27/3,K/1 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00137942

**ANALYSIS METHOD AND APPARATUS FOR BIOLOGICAL SPECIMENS
PROCEDE ET APPAREIL D'ANALYSE D'ECHANTILLONS BIOLOGIQUES**

Patent Applicant/Assignee:

CELL ANALYSIS SYSTEMS INC,

Inventor(s):

BACUS James William,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8702802 A1 19870507

Application: WO 86US2409 19861104 (PCT/WO US8602409)

Priority Application: US 85937 19851104

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT BE CH DE FR GB IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 20211

Fulltext Availability:

Detailed Description

Detailed Description

... are measured by the

camera 18, The optical density for each pixel is calibrated by **adjusting** the light level, **focus** , and reading a reference optical density from the calibration area on the slide. This calibration...

...A calibration for the extinction coefficient is accomplished by measuring the optical density-for a **plurality** of the control **cells** to determine a peak for the distribution in relative mass units. Because the peak DNA...the group of calibration cells,
The system software for DNA analysis is a menu driven **program** that uses **interactive** information screens on monitor 62 to assist the operator in making the described measurements on **several cells** or **cell**

subpopulations. In FIG. 10 there is illustrated the visual screen structure of the program which...

?

28/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00331960

**INTERACTIVE VIDEO METHOD AND APPARATUS.
VERFAHREN UND GERAT FUR INTERAKTIVES VIDEO.
PROCEDE ET APPAREIL VIDEO INTERACTIFS.**

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PATENT (CC, No, Kind, Date): EP 346402 A1 891220 (Basic)

EP 346402 B1 940105

WO 8904100 890505

APPLICATION (CC, No, Date): EP 88906481 880630; WO 88US2192 880630

PRIORITY (CC, No, Date): US 112713 871020

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: **H04N-007/08**

ABSTRACT WORD COUNT: 196

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	582
CLAIMS B	(German)	EPBBF1	544
CLAIMS B	(French)	EPBBF1	708
SPEC B	(English)	EPBBF1	9105
Total word count - document A			0
Total word count - document B			10939
Total word count - documents A + B			10939

INTERNATIONAL PATENT CLASS: **H04N-007/08**

...SPECIFICATION less susceptible to interference from spurious, visible light sources, e.g. the 60 Hz hum **produced** by a rheostatically **controlled** light dimmer/switch.

Thus, the various objects of the invention are achieved. Subliminal luminance modulation...or more interactive devices within its IR transmission range. Such interactive devices flexibly may be **programmed** to initiate predefined actions in response to the television program's story line. The apparatus...

...to the television receiver or antenna, and wirelessly, remotely controls interactive devices within a television **viewer 's** home. Interactive devices that remotely may be controlled by the method and apparatus of the...

28/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00260910

Automatic focusing system for observing means for inspecting an object.

Automatisches Fokussierungsverfahren für Mittel zur Untersuchung eines Objekts.

Système de focalisation automatique par des moyens d'observation pour l'inspection d'un objet.

PATENT ASSIGNEE:

FUJITSU LIMITED, (211460), 1015, Kamikodanaka Nakahara-ku, Kawasaki-shi Kanagawa 211, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

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PATENT (CC, No, Kind, Date): EP 264057 A2 880420 (Basic)

EP 264057 A3 901212

EP 264057 B1 930609

APPLICATION (CC, No, Date): EP 87114611 871007;

PRIORITY (CC, No, Date): JP 86238801 861007

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-005/232 ; G01N-021/88

ABSTRACT WORD COUNT: 135

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	552
CLAIMS B	(German)	EPBBF1	498
CLAIMS B	(French)	EPBBF1	637
SPEC B	(English)	EPBBF1	5370
Total word count - document A			0
Total word count - document B			7057
Total word count - documents A + B			7057

INTERNATIONAL PATENT CLASS: H04N-005/232 ...

...SPECIFICATION in the ROM 204.

STEP (8) In the focus adjustment mechanism 132, there is a **signal** generator (which is not shown in Fig. 3) for producing a focus position signal "H...

...and a difference (H - h) is calculated by the CPU 208 in accordance with a **program** stored in the ROM 204. The **mechanism control** unit 203 controls a **focus adjustment** driver 25 so that the **focus adjusting** motor 133 drives the **focus adjusting** mechanism 132 until the difference (H - h) becomes zero. When the difference (H - h) becomes...

...the inspecting point on the board 11 is on the line of sight of the **TV** camera 13. **This** control is also performed by the CPU 208 in **accordance** with a **program** stored in the ROM 204.

STEP (9) Then, the TV camera 13 observes the printed...

DIALOG(R)File 349:PCT FULLTEXT
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00865755 **Image available**

METHOD AND SYSTEM FOR DELIVERING MEDIA SERVICES AND APPLICATIONS OVER NETWORKS

PROCEDE ET SYSTEME DESTINES A FOURNIR DES SERVICES MULTIMEDIA ET DES APPLICATIONS SUR RESEAUX DE DONNEES

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200199411 A1 20011227 (WO 0199411)

Application: WO 2001US17438 20010530 (PCT/WO US0117438)

Priority Application: US 2000595848 20000616

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 25215

Main International Patent Class: **H04N-005/00**

International Patent Class: **H04N-007/16 ...**

... H04N-007/14 ...

... H04N-007/173

Fulltext Availability:

Detailed Description

Detailed Description

... the user knows exactly when a scheduled program will be delivered or broadcast.

The toolbar **region** 1504 includes a chat button 1514, a help button 1515, a television (TV) button 1516...

...particular to operation or query. The television (TV) button 1516 is used to initiate a **TV program** mode. As described above, the server in the present invention is configured to provide multiple...

...as shown in FIG. 1513. The screen 1501 in FIG. 11513 includes a TV action **region** 1522 and a show action **region** 1528. The TV action **region** 1522 provides an interactive GUI that includes a channel button 1523, a program guide button 1524, a scanning button 1525 and a find button 1526 which respectively allow a **viewer** to **change** a channel, **view** a program guide, scan al(inverted exclamation mark) programs being broadcast and enter a query...

...locating an interesting program. When a channel, for example, "23" is selected, the show action **region** 1528 shows relevant information 1529 about the channel, namely a movie 'Austin Powers, The Spy...

28/3,K/4 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00855484 **Image available**

A TARGETED ADVERTISING SYSTEM

SYSTEME PUBLICITAIRE CIBLE

Patent Applicant/Assignee:

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GB (Residence), GB (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

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for: US)

Legal Representative:

KINSLER Maureen Catherine (et al) (agent), Kilburn & Strode, 20 Red Lion
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200189213 A1 20011122 (WO 0189213)
Application: WO 2001GB2225 20010521 (PCT/WO GB0102225)
Priority Application: GB 200012211 20000519

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10043

Main International Patent Class: **H04N-007/16**

Fulltext Availability:

Detailed Description

Detailed Description

... EPG, a priority stack of eligible, non-expired adverts is continuously maintained for each display **area** in order of increasing urgency U, according to the prioritisation methods described previously. An example

...64 with the highest U are placed in a display stack 66. Each time an **area** in the EPG, for example AD 1 56 of Figure 5, is displayed, the advert currently at the top of the display stack 66 associated with that **area** is displayed. After a certain duration, or if the **viewer** changes **focus** to another **EPG** screen so that the **area** is no longer displayed, the display stack 66 is rotated, so that advert 1 goes to the end of the stack and advert 2 is rotated to the first **position** in ... not become bored by seeing the same advert 1 5 each time they enter the **EPG** and, at the same time., to ensure that a viewer sees all adverts of likely...

28/3,K/5 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00851095 **Image available**

CHANNEL INFORMATION WINDOW VIA SERVER-CENTRIC INTERACTIVE USER INTERFACE
FENETRE D'INFORMATIONS DE CANAL OBTENUE VIA UNE INTERFACE UTILISATEUR
INTERACTIVE CENTREE SUR UN SERVEUR

Patent Applicant/Assignee:

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US (Residence), US (Nationality)

Inventor(s):

GORDON Donald F, 475 Gabilan Street #10, Los Altos, CA 94022, US,
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YOCOM Harold P, 4829 Regents Park Lane, Fremont, CA 94538, US,
WANG Jerry, 746 Danforth Terrace, Sunnyvale, CA 94087, US,

Legal Representative:

MOSER Raymond R Jr (et al) (agent), Thomason, Moser & Patterson, LLP,
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200184823 A2-A3 20011108 (WO 0184823)
Application: WO 2001US13865 20010430 (PCT/WO US0113865)
Priority Application: US 2000562491 20000501

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13813

Main International Patent Class: H04N-007/00

International Patent Class: H04N-007/16 ...

... H04N-007/17

Fulltext Availability:
Detailed Description

Detailed Description

... navigator in a point cast manner to enable the user to select a movie to **view** . Other context **changes** result when the **viewer** selects the video barker, any of the programs in the guide **region** of the **IPG** display, and the Eke. Barker 1 5 selection causes the system to enter a barker...

28/3,K/6 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00814192 **Image available**

BROADCAST PROGRAM RECORDING OVERRUN AND UNDERRUN SCHEDULING SYSTEM
SYSTEME DE PROGRAMMATION D'ENREGISTREMENT DE PROGRAMMES RADIODIFFUSES A
DEBUT ET/OU A DUREE DECALES DANS LE TEMPS

Patent Applicant/Assignee:

TIVO INC, 2160 Gold Street, P.O. Box 2160, Alviso, CA 95002-2160, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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WATERMAN Alan, 112 Cherry Wood Court, Los Gatos, CA 95030, US, US
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Legal Representative:

GLENN Michael (et al) (agent), Glenn Patent Group, Suite L., 3475 Edison
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200147249 A2-A3 20010628 (WO 0147249)

Application: WO 2000US35188 20001220 (PCT/WO US0035188)

Priority Application: US 99171829 19991221

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15312

Main International Patent Class: **H04N-005/782**

Fulltext Availability:
Detailed Description

Detailed Description

... a broadcast program's recording schedule that has a predetermined start and end broadcast time. **Electronic program guides** list predetermined scheduled broadcast times and channels of all of the television broadcast programs that are available to a particular geographic **area** . The time

that a **television program** is actually broadcasted differs in many cases from the predetermined schedule. The invention allows the **viewer** to **adjust** the scheduled program recording times to the actual situation.

The Database of Television Viewina Information...

28/3,K/7 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00775307 **Image available**

A SYSTEM, METHOD AND COMPUTER PROGRAM FOR DETERMINING CAPABILITY LEVELS OF PROCESSES TO EVALUATE OPERATIONAL MATURITY OF AN ORGANIZATION
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A DETERMINER DES NIVEAUX DE CAPACITE D'OPERATIONS POUR DES BESOINS D'EVALUATION D'OPERATION DANS UNE RECHERCHE DE MATURITE OPERATIONNELLE

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200108037 A2-A3 20010201 (WO 0108037)

Application: WO 2000US20353 20000726 (PCT/WO US0020353)

Priority Application: US 99361338 19990726

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 86229

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... a fast, machine-executable code. Furthermore, C++ is suitable for both commercial-application and systems- **program** ming pr 'ects. For now, C++ appears to be the

Of

most popular choice among...feedback from the process and from pilot studies of innovative ideas and new technology. A **focus** on widespread, continuous improvement should pen-neate the IT organization. The IT

deploymentplanningf@r phases two four by 30%.

Process Capability Assessment Instrument: Interview Guide

Process **Area** 3.4 Deployment

Questions

Base Practice: 3 1 Confirm schedule with all key groups periodically...

28/3,K/8 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00774519 **Image available**

AUTOMATED SYSTEM FOR CONDITIONAL ORDER TRANSACTIONS IN SECURITIES OR OTHER ITEMS IN COMMERCE

SYSTEME AUTOMATIQUE DE NEGOCIATION CONDITIONNELLE DE VALEURS MOBILIERES OU D'AUTRES EFFETS DE COMMERCE

Patent Applicant/Inventor:

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ELDRED Micah James, Apartment 1117, 510 Old Hickory Boulevard, Nashville,
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Legal Representative:

BIRCH Anthony L, 6915 Barrett Lane, Bethesda, MD 20814, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200108065 A1 20010201 (WO 0108065)

Application: WO 2000US19567 20000724 (PCT/WO US0019567)

Priority Application: US 99359686 19990723

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CN JP KR MX RU US ZA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 15515

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... information so that each client can operate on or change the assumptions implied in the **view** of orders, including **changi** ng the **view** of orders or orderbooks, "as if" the price of underlying item(s) has changed thus...maximum prices of the derivative (Cap), while the sloping portion is a representation of the **region** where the price is sensitive to underlying price movements.
The general price algorithm for the...electromagnetic wave media along a communication link such as a Mainframe Data Cache, a Local **Area** Network, a Virtual Private Network, an Extranet, the Internet and others. Implementations of the program...

...device. Two-tier architectures, also known as client/server

architectures, are generally found in Local **Area** Networks where participants typically have interdependent computing devices, such as Personal Computers or Personal Workstations...

...as, JScript, VBScript, ASP, JSP, ActiveX, Java Beans, Java Applets, and XML, which have enabled **programmers** to develop highly **interactive program** products targeted for deployment on The Web. Computer systems products developed within in this environment...to the N-tier design pattern, and as such, has been developed as a highly **interactive program** comprising a computer application that executes on the participant's computing device (the client) and...

28/3,K/9 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00764591 **Image available**

REDUCED SCREEN CONTROL SYSTEM FOR INTERACTIVE PROGRAM GUIDE

SYSTEME DE COMMANDE A ECRAN REDUIT POUR GUIDE DE PROGRAMMES INTERACTIF

Patent Applicant/Assignee:

SCIENTIFIC-ATLANTA INC, Hubert J. Barnhardt III, Intellectual Property Department, One Technology Parkway South, Norcross, GA 30092, US, US (Residence), US (Nationality)

Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200078040 A1 20001221 (WO 0078040)

Application: WO 2000US15844 20000609 (PCT/WO US0015844)

Priority Application: US 99138757 19990611

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

BR CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 9023

Main International Patent Class: **H04N-005/445**

International Patent Class: **H04N-007/16**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... numeric channel keys would likewise prompt similar results. However, if the "NON-NUMERIC C14ANNEL

SIGNALS: **CHANGE** IN- **FOCUS** CHANNEL TO REQUESTED CHANNEL" option in FIG.

4

is active, operation of any of the...

...become the "in-focus" program, which may or may not affect the reduced

screen display **area** 73 depending on the setting of the "IN-FOCUS CHANNEL DETERMINES REDUCED SCREEN" option, as...
...in-focus" channel, with the "IN-FOCUS CHANNEL DETERMINES REDUCED SCREEN" option determining whether such **change** in **focus** affects the reduced screen **area** 73.

12

An alternate embodiment of the invention provides a menu display accessed via the...

Claim

... SIGNALS:

Fl EXIT IPG AND TUNE TO REQUESTED CHANNEL
TUNE REDUCED SCREEN TO REQUESTED CHANNEL
CHANGE IN- **FOCUS** CHANNEL TO REQUESTED CHANNEL
NUMERIC CHANNEL SIGNALS:
EXIT **IPG** AND TUNE TO REQUESTED CHANNEL
TUNE REDUCED SCREEN TO REQUESTED CHANNEL
CHANGE IN- **FOCUS** CHANNEL TO REQUESTED CHANNEL

FigM 4

TIME VIEW

ABC

2

71 ABC News

7:00...

28/3,K/10 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00760503 **Image available**

SYNCHRONIZED SPATIAL-TEMPORAL BROWSING OF IMAGES FOR SELECTION OF INDEXED TEMPORAL MULTIMEDIA TITLES

EXPLORATION SYNCHRONISEE SPATIO-TEMPORELLE D'IMAGES POUR LA SELECTION DE TITRES MULTIMEDIA TEMPORELS INDEXES

Patent Applicant/Assignee:

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WITTENBURG Kent Barrows, 23 Apple Hill Lane, Lynnfield, MA 01940, US

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200073914 A1 20001207 (WO 0073914)

Application: WO 2000US13561 20000517 (PCT/WO US0013561)

Priority Application: US 99136002 19990526; US 99137688 19990604; US
2000560006 20000427

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

...the user may begin a multimedia presentation associated with the first item in the menu **area** 62. An embodiment of this may automatically advance at a set speed from the beginning to the end of the menu and accordingly present multimedia data in the presentation **area** 64 at a given pace. The user may control the presentation of the multimedia data by using the control **area** 66. This is similar to the way in which a movie, for example, may be...

...This is a method of auto-scrolling through multimedia data associated with the menu selection **area** 62. The multimedia presentation of Figure 7 generally includes a hierarchical level of menus displayed in the **area** 72. In this particular embodiment, there is a nesting of several levels of menu items...

...context feedback information describing where at any particular time multimedia data in the
15
presentation **area** is located relative to the menu items 72. The presentation **area** 76 of Figure 7 may present images and other multimedia data using a variety of...

...method for presenting multimedia data. The user interface 75 includes user control 77, a presentation **area**

75 with multimedia data presented, such as multimedia data items 202 and 204, and a...

28/3,K/11 (Item 9 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00739539 **Image available**

**METHOD AND DEVICE FOR PROVIDING TWO DIFFERENT TYPES OF SERVICE IN A MENU
REUNION DE DEUX TYPES DIFFERENTS DE SERVICES DANS UN MENU ET DISPOSITIF A
CET EFFET**

Patent Applicant/Assignee:

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Inventor(s):

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SW19 6NT, GB

Legal Representative:

TACHNER Adam H, Crosby, Heafey, Roach & May, Suite 1900, 4 Embarcadero
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200052927 A1 20000908 (WO 0052927)
Application: WO 2000US5181 20000301 (PCT/WO US0005181)
Priority Application: US 99260985 19990301

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA

...Program Guide 569
Station Index 554
586 Decimated
588 Category Video e
590 - Alpha List Region
592 Others
556 558 560 562 564
ett ngs ow 0
Ticker Region
566
FIGm 12
650
652
660
8:00pm 568 8:30pm 9:00pm
112 TNT...

28/3,K/12 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT.
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00542519 **Image available**

SYSTEM FOR GENERATING, DISTRIBUTING AND RECEIVING AN INTERACTIVE USER
INTERFACE

SYSTEME PERMETTANT DE GENERER, DISTRIBUER ET RECEVOIR UNE INTERFACE
UTILISATEUR INTERACTIVE

Patent Applicant/Assignee:
DIVA SYSTEMS CORPORATION,

Inventor(s):

GORDON Donald F,
LUDVIG Edward A,
OSBORN Nathan W,
EDMONDS Jeremy S,
BAYRAKERI Sadik,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200005892 A1 20000203 (WO 0005892)

Application: WO 99US16786 19990723 (PCT/WO US9916786)

Priority Application: US 9893891 19980723; US 99129598 19990415; US
99293526 19990415; US 99359559 19990722

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE
LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
TG

Publication Language: English

Fulltext Word Count: 13561

Main International Patent Class: H04N-007/16

Fulltext Availability:

Detailed Description

Detailed Description

... VOD navigator in a pointcast manner to enable the user
to select a movie to view . Other context changes result

when the **viewer** selects the video barker, any of the
35 programs in the guide **region** of the **IPG** display, and the
3
like. Barker selection causes the system to enter a
barker defined...

28/3,K/13 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00542518 **Image available**

INTERACTIVE USER INTERFACE
INTERFACE UTILISATEUR INTERACTIVE

Patent Applicant/Assignee:

DIVA SYSTEMS CORPORATION,

Inventor(s):

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LUDVIG Edward A,
OSBORN Nathan W,
EDMONDS Jeremy S,
BAYRAKERI Sadik,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200005891 A1 20000203 (WO 0005891)

Application: WO 99US16764 19990723 (PCT/WO US9916764)

Priority Application: US 9893891 19980723; US 99293526 19990415; US
99129598 19990415; US 99359560 19990722

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE
LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
TG

Publication Language: English

Fulltext Word Count: 12095

Main International Patent Class: **H04N-007/16**

Fulltext Availability:

Detailed Description

Detailed Description

... navigator in a point cast manner to enable the user
to select a movie to **view** . Other context **changes** result
when the **viewer** selects the video barker, any of the
programs in the guide **region** of the **IPG** display, and the
like. Barker selection causes the system to enter a
barker defined context...

28/3,K/14 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00509154 **Image available**

METHOD AND SYSTEM FOR NAVIGATING THROUGH CONTENT IN AN ORGANIZED AND

CATEGORIZED FASHION

PROCEDE ET SYSTEME PERMETTANT DE NAVIGUER DANS UN CONTENU DE MANIERE ORGANISEE ET CATEGORISEE

Patent Applicant/Assignee:

CORPORATE MEDIA PARTNERS doing business as AMERICAST,

Inventor(s):

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JOY Margeigh,
NICHOLS Michael,
TAKAHASHI Drew,
LAMBERT Robert,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9940506 A1 19990812

Application: WO 99US2499 19990204 (PCT/WO US9902499)

Priority Application: US 9818541 19980204; US 98103315 19980624; US 98103316 19980624; US 98103317 19980624; US 98104608 19980624

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG

Publication Language: English

Fulltext Word Count: 24532

Main International Patent Class: **G06F-003/00**

Fulltext Availability:

Detailed Description

Detailed Description

... advantage is context sensitivity. When a user is at a particular zone and channel and **changes** tools, the **viewer** remains not only in the same domain but also in the same category or channel. For example, if the viewer is at the **IPG** tool, television domain and talk show channel at coordinates (2, 2, 2) and presses the up actuation button 75, the **viewer** will **change** to the **MSB** tool and be brought to coordinates (1, 2, 2). Although the **viewer changes** tools from **IPG** to **MSB**, she remains in the television domain and talk channel. Thus, the navigational system...

28/3,K/15 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00479713 **Image available**

SYSTEMS AND METHODS FOR REPLACING TELEVISION SIGNALS

SYSTEMES ET PROCEDES DE REMPLACEMENT DES SIGNAUX TELEVISES

Patent Applicant/Assignee:

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HUGON Jacques,
WARD Thomas,
HANCOCK Kenneth,
SCHOAFF Peter,

Inventor(s):

KLOSTERMAN Brian L,
MACRAE Douglas,
HUGON Jacques,
WARD Thomas,
HANCOCK Kenneth,
SCHOAFF Peter,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9911065 A1 19990304
Application: WO 98US17980 19980827 (PCT/WO US9817980)
Priority Application: US 9757089 19970827

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN
TD TG

Publication Language: English

Fulltext Word Count: 6097

Main International Patent Class: H04N-007/00

Fulltext Availability:

Detailed Description

Detailed Description

... a Picture-In-Guide ("PIG") Window. That is, when the television is operating in the **EPG** mode, the television signal for the channel to which the television is tuned is displayed in a "Window," the Picture-In-Guide Window, such as a fixed **position area** of the on screen display of the television monitor. FIG. 10 is a graphic representation of a sample screen display of an **interactive Electronic Program Guide** with a Program-InGuide Window 12 for display of the real time video signal. Implementin(a channel **change** instruction when the **viewer** is in the **EPG** mode in the case where the **EPG** provides for the television signal to continue to be displayed in the PIG Window, 12...

28/3,K/16 (Item 14 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00415758 **Image available**

ELECTRONIC PROGRAM GUIDE WITH INTERACTIVE AREAS

GUIDE DE PROGRAMME ELECTRONIQUE A ZONES INTERACTIVES

Patent Applicant/Assignee:

STARSIGHT TELECAST INCORPORATED,

Inventor(s):

SCHEIN Steven Michael,
LEFTWICH Jim,
FOLKER David M,
HUNWICK Keith,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9806219 A1 19980212
Application: WO 97US13751 19970805 (PCT/WO US9713751)
Priority Application: US 9622436 19960806; US 97906073 19970805

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU GH KE LS MW SD SZ UG ZW
AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 8611

Main International Patent Class: **H04N-007/10**

International Patent Class: **H04N-07:14**

Fulltext Availability:

Detailed Description

Detailed Description

... the cells or windows that are
scrolled through by the viewer.

Figure 1 illustrates a **program guide** 102 for the
television schedule system of the present invention. The
program guide 102, which is the primary mode in the television
schedule system, includes a number of screen information **areas**
or windows in a particular screen where the viewer operates an
input device, such as...

...device described above, to
move around vertically and horizontally and to interact with
that screen **area**'s function. Preferably, the currently active
screen **area** will be indicated to the **viewer**, for example, by
changing the background color from a light greyscale metallic
to a brighter, active color. Within each screen **area** are one
or more items, typically arranged in a matrix or grid so that
the...

28/3,K/17 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00402015 **Image available**

TV RATINGS SYSTEM FOR BLOCKING CHANNELS

SYSTEME D'EVALUATIONS DE TELEVISION AUX FINS DU BLOCAGE DE CANAUX

Patent Applicant/Assignee:

OKTV INC,

Inventor(s):

PERLMAN William,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9742759 A1 19971113

Application: WO 97US7741 19970507 (PCT/WO US9707741)

Priority Application: US 96643992 19960507

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU GH KE LS MW SD SZ UG AM

AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 9618

Main International Patent Class: H04N-007/08

Fulltext Availability:

Claims

Claim

... or nudity or
profanity) in television programs transmitted on the
television channel.

An example of **EPG** data containing the
15 aforementioned rating data may be constructed as follows:

TABLE 1

FIELD...microprocessor may control tuner
306 to tune to a particular broadcast frequency over
which a **television program** is transmitted.
Alternatively, the microprocessor may control tuner 306
to tune to a particular digital channel (as in direct
satellite broadcast transmission) over which the
television program is transmitted. The video signals
which constitute the **television program** broadcast over
the selected channel are supplied to a display 305
whereat they are displayed...

...accompanying audio information) to be displayed to a
viewer. The foregoing operation is typical of **television**
receiving apparatus.

An **electronic program guide** (**EPG**) unit 308 is
adapted to receive **EPG** data transmitted thereto, for
example, over a predetermined out-of-band channel. Such
EPG data is extracted and written into a memory (not
shown) included in **EPG** unit 308. For example, the **EPG**
unit may include separating circuits tuned to the out-of
band channel for separating the **EPG** data, other
5 conventional data extraction techniques may be used. **EPG**
unit 308 thus stores the **EPG** data.

EPG data is transmitted to **EPG** unit 308
periodically and contains the data represented by Table 1
for each and every **television program** that may be
received by the television receiving apparatus shown in
Fig. 1 during a...

...For example, if
the television receiving apparatus is connected to a
cable distribution system, the **EPG** data contains
television program information associated with all of the
available television programs in this cable distribution
system. If the television receiving apparatus is coupled
to a direct satellite broadcast system, the **television**
program information included in the transmitted **EPG** data
is associated with all of the television programs that
are receivable by the television...

...satellite broadcast system, If the
television receiving apparatus simply receives over-the
air broadcasts, the **television program** information
associated with all of the transmitting **television**

predetermined acts (e.g. the level of...

...of those acts

(e.g. the number of violent scenes which are present in the **television program**), A suitable numerical rating data is assigned to each such **television program** and an average rating data is then derived for each television channel transmitting such television...

...transmitted to a head-end controller 504 in,

for example, a cable distribution system, This **EPG** data may comprise daily program schedule data, weekly program schedule data or monthly **program** schedule data, The **television** channel information associated with each television channel that may be transmitted daily, weekly or monthly...

...over which the television programs are

transmitted. It will be appreciated that the transmission of **EPG** data from the schedule data provider to the head- ...communication channels, such as telephone lines, optical channels, predetermined radio channels, or the like.

Thus, **EPG** data is supplied to head-end controller 504 having, for example, the data construction shown...

28/3,K/18 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00393671 **Image available**

**METHOD AND APPARATUS FOR DISPLAYING TELEVISION PROGRAMS AND RELATED TEXT
PROCEDE ET APPAREIL D'AFFICHAGE DE PROGRAMMES DE TELEVISION ET DE TEXTE
ASSOCIE**

Patent Applicant/Assignee:

E GUIDE INC,
YUEN Henry C,
MANKOVITZ Roy J,
KWOH Daniel S,
LEUNG Elsie Y,

Inventor(s):

YUEN Henry C,
MANKOVITZ Roy J,
KWOH Daniel S,
LEUNG Elsie Y,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9734414 A1 19970918

Application: WO 97US4233 19970314 (PCT/WO US9704233)

Priority Application: US 9613371 19960315; US 9624598 19960829

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU GH KE LS MW SD SZ
UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 6048

Main International Patent Class: H04N-005/455
International Patent Class: H04N-05:45 ...

... H04N-07:173

Fulltext Availability:

Claims,

Claim

... screen, the method comprising the steps of:
storing in a listings memory a plurality of **television program**
listings
representing telecast programs, each stored program listing including an
associated channel
designation;
setting the...

...channel designation in the
channel memory;
in a program guide mode displaying in a first **area** of the screen the
program
telecast on the first selected channel;
in the program guide mode simultaneously displaying in a second **area** of
the screen some of the program listings stored in the listings memory,
including the...

...the cursor to highlight a listing for a second selected program
displayed
in the second **area** ;
retrieving the selected channel designation of the second selected
program listing
from memory;
setting the...

...to display the second selected program telecast on the second selected
channel in the first **area** ;
selecting the television viewing mode;
retrieving the designation for the first selected channel from channel
memory;
setting the tuner to the retrieved first selected channel; and
switching from the **program guide** mode to the **television viewing**
mode without **changing** the tuner so that the program telecast on the
first selected channel is displayed full...

28/3,K/19 (Item 17 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00340063 **Image available**

CONTROL SYSTEMS BASED ON SIMULATED VIRTUAL MODELS

SYSTEMES DE COMMANDE BASES SUR DES MODELES VIRTUELS SIMULES

Patent Applicant/Assignee:

INTERTECH VENTURES LTD,

THALHAMMER-REYERO Cristina,

Inventor(s):

THALHAMMER-REYERO Cristina,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9622575 A1 19960725
Application: WO 96US883 19960117 (PCT/WO US9600883)
Priority Application: US 95373688 19950117; US 95373992 19950117
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CA JP US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 135683

Main International Patent Class: G06F-019/00
International Patent Class: G06F-09:44
Fulltext Availability:
Detailed Description

Detailed Description

... bioengine.Ml.Efl.Anl.CCm is a conform-change-bioengine that represents an induced conformational **change** process which icon has at the top three stubs: one for modifier.r, one tor...

28/3,K/20 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00271731 **Image available**

GENERATION OF ENLARGED PARTICIPATORY BROADCAST AUDIENCE
OBTENTION D'UNE AUDIENCE PARTICIPATIVE ELARGIE EN MATIERE DE RADIODIFFUSION

Patent Applicant/Assignee:

VON KOHORN Henry,

Inventor(s):

VON KOHORN Henry,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9419906 A1 19940901

Application: WO 94US1535 19940214 (PCT/WO US9401535)

Priority Application: US 9325397 19930225

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 99584

Main International Patent Class: H04N-007/10
International Patent Class: H04N-07:00
Fulltext Availability:
Detailed Description

Detailed Description

... the broadcasts of such events-:@ and - to@, the,@, , dispensing..- ot. - awards, to@.

individual listeners and **viewers** having provided predictions meeting the outcome criteria. An example of a situation involving a prediction...posed by a second or off-stage announcer.

In the United States , Europe and other **regions** ,

television programs are frequently broadcast repetitively in different time zones. In the case of game...criteria and rewards in different geographic areas while all geographic areas would receive the same **television program** and task-setting messages. By way of further variation of transmission arrangements, the voice signal **areas** to allow different task-setting messages to be generated audibly at the different geographic **areas** along with the different instructional signals at the various geographic **areas** . These variations of transmission arrangements provide a flexibility to the implementation of the invention so as to adapt the task-setting and scoring to needs of local **areas** .

It is also noted that the invention can be employed even in the situation wherein...a supplier of services is given the opportunity to contract with the producer of an **interactive broadcast program** for the insertion of questions among the product data and offerings comprising the **television program** , Such questions can for example be interspersed between announcements pertaining to products offered by suppliers...

?

? show files; ds; save temp; logoff hold
 File 344:Chinese Patents Abs Aug 1985-2004/May
 (c) 2004 European Patent Office
 File 347:JAPIO Nov 1976-2005/Jan(Updated 050506)
 (c) 2005 JPO & JAPIO
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200530
 (c) 2005 Thomson Derwent

Set	Items	Description
S1	18948	IPG OR EPG OR (ELECTRONIC OR INTERACTIVE OR TELEVISION?? OR TV) (3N) PROGRAM?() (GUIDE?? OR MENU) OR (ELECTRONIC OR INTERACTIVE OR TELEVISION?? OR TV) (3N) PROGRAM?
S2	26018	USER??(3N)INTERFACE??
S3	37452	(MULTIPLE OR MANY OR SEVERAL OR PLURAL??? OR VARIOUS OR MULTIPLE) (3N) (CELL?? OR PARTITION??)
S4	4165240	REGION?? OR AREA?? OR POSITION??
S5	23268	(MODIF? OR AMEND? OR CHANG? OR ADJUST?) (3N) (FOCUS? OR VIEW?)
S6	2388	(SELECT? OR PICK? OR CHOOS?) (7N) S2
S7	41	(HIGHLIGHT? OR MARK?) (3N) S3
S8	313	(NAVIGAT? OR SWITCH?) (3N) S3
S9	452	AU=(CARPENTER, K? OR CARPENTER K? OR CORVIN, J? OR CORVIN - J? OR DRUMMOND, B? OR DRUMMOND B? OR ELLIS, M? OR ELLIS M? OR KNUDSON, E? OR KNUDSON E? OR RUSH, J? OR RUSH J? OR DEWEESE, - T? OR DEWEESE T?)
S10	1972999	IC=(G06F? OR H04N?)
S11	148	S9 AND S10
S12	91	S11 AND S1
S13	0	S12 AND S3
S14	3	S12 AND S2
S15	515	S1 AND S2
S16	442	S15 AND S10
S17	0	S16 AND S3
S18	63	S16 AND S4
S19	1	S18 AND S5
S20	0	S1 AND S7
S21	1	S1 AND S8
S22	68	S1 AND S6
S23	1	S22 AND S5
S24	1	S23 NOT (S21 OR S14)
S25	0	S1 AND S2 AND S3
S26	109	S1 AND (CELL?? OR PARTITION??) AND S4
S27	55	S26 AND S10
S28	13	S27 NOT PY>2001
S29	13	S28 NOT (S24 OR S21 OR S14)

14/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014213339 **Image available**
WPI Acc No: 2002-034037/200204
XRPX Acc No: N02-026241

**Method for highlighting display elements of interactive television
program guide by un-highlighting first display element after
highlighting first display element for given period of time**

Patent Assignee: UNITED VIDEO PROPERTIES INC (UNVI-N)

Inventor: ALLISON D W; DRUMMOND B M ; HENSON V R; HERRINGTON W B; MCCOY R
H; MOORE S S; PHILLIPS R; THOMAS W L; VOGH J A

Number of Countries: 095 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200122719	A2	20010329	WO 2000US26066	A	20000922	200204 B
AU 200076065	A	20010424	AU 200076065	A	20000922	200204
EP 1222806	A2	20020717	EP 2000965331	A	20000922	200254
			WO 2000US26066	A	20000922	
CN 1376361	A	20021023	CN 2000813246	A	20000922	200313
JP 2003519941	W	20030624	WO 2000US26066	A	20000922	200341
			JP 2001525957	A	20000922	
TW 519836	A	20030201	TW 2000119607	A	20000922	200358

Priority Applications (No Type Date): US 2000202302 P 20000505; US 99156111
P 19990924; US 99161896 P 19991027; US 99170386 P 19991213

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200122719 A2 E 263 H04N-000/00
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
AU 200076065 A H04N-000/00 Based on patent WO 200122719
EP 1222806 A2 E H04N-001/00 Based on patent WO 200122719
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI
CN 1376361 A H04N-005/445
JP 2003519941 W 441 H04N-005/445 Based on patent WO 200122719
TW 519836 A H04N-007/16

**Method for highlighting display elements of interactive television
program guide by un-highlighting first display element after
highlighting first display element for given period of...**

...Inventor: DRUMMOND B M

Abstract (Basic):

... period of time using a second display characteristic in response
to a user of an **interactive television program guide** indicating
a desire to access a second display element. The first display element
is un...

... b) a method for providing coded indicators within an
interactive TV program
(...)

...c) an **interactive TV program guide** system in which display
elements of the **interactive TV program guide** are highlighted...

... Interactive television program guides .

...

...Provides user interfaces for interactive television program guides that enhance the user's guidance experience. May include advertisements and e-commerce opportunities within

International Patent Class (Main): H04N-000/00 ...

... H04N-001/00 ...

... H04N-005/445 ...

... H04N-007/16

International Patent Class (Additional): G06F-003/00 ...

... H04N-005/44 ...

... H04N-005/76 ...

... H04N-005/765 ...

... H04N-007/173

14/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013131240 **Image available**

WPI Acc No: 2000-303111/200026

XRPX Acc No: N00-226524

Interactive television program guide system for digital storage and display of program and program related information in cable, satellite and broadcast television system

Patent Assignee: UNITED VIDEO PROPERTIES INC (UNVI-N)

Inventor: BEREZOWSKI D M; ELLIS M D ; HASSELL J G; HEDGES L J; KNUDSON E B ; HEDGES J L; HEDGES J L B

Number of Countries: 091 Number of Patents: 022

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200016548	A1	20000323	WO 99US21597	A	19990916	200026	B
AU 9961527	A	20000403	AU 9961527	A	19990916	200034	
EP 1110387	A1	20010627	EP 99948321	A	19990916	200137	
			WO 99US21597	A	19990916		
BR 9913861	A	20010605	BR 9913861	A	19990916	200138	
			WO 99US21597	A	19990916		
CN 1323489	A	20011121	CN 99810986	A	19990916	200218	
KR 2001085810	A	20010907	KR 2001703397	A	20010316	200218	
MX 2001002597	A1	20010601	MX 20012597	A	20010312	200235	
TW 465235	A	20011121	TW 99113589	A	19990809	200248	
JP 2002525923	W	20020813	WO 99US21597	A	19990916	200267	
			JP 2000570963	A	19990916		
AU 758745	B	20030327	AU 9961527	A	19990916	200330	
EP 1330121	A1	20030723	EP 99948321	A	19990916	200350	
			EP 20035155	A	19990916		
US 20030154477	A1	20030814	US 98157256	A	19980917	200355	
			US 2003383311	A	20030305		
US 20030154478	A1	20030814	US 98157256	A	19980917	200355	

				US 2003383313	A	20030305	
US 20030149980	A1	20030807		US 98157256	A	19980917	200358
				US 2003383281	A	20030305	
JP 2004096762	A	20040325		JP 2000570963	A	19990916	200422
				JP 2003319065	A	20030910	
JP 2004135297	A	20040430		JP 2000570963	A	19990916	200430
				JP 2003295627	A	20030819	
US 20040128685	A1	20040701		US 98157256	A	19980917	200444
				US 2003383281	A	20030305	
				US 2003734505	A	20031212	
CN 1496113	A	20040512		CN 2003143094	A	19990916	200452
AU 2003203467	B2	20040311		AU 9961527	A	19990916	200454 N
				AU 2003203467	A	20030402	
AU 2003203467	A1	20030612		AU 9961527	A	19990916	200455
				AU 2003203467	A	20030402	
JP 3566716	B2	20040915		JP 2000570963	A	19990916	200460
				JP 2003295627	A	20030819	
AU 2004202458	A1	20040701		AU 2003203467	A	20030402	200470 N
				AU 2004202458	A	20040604	

Priority Applications (No Type Date): US 98157256 A 19980917; US 2003383311 A 20030305; US 2003383313 A 20030305; US 2003383281 A 20030305; US 2003734505 A 20031212; AU 2003203467 A 20030402; AU 2004202458 A 20040604

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200016548	A1	E	98	H04N-005/445	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9961527	A				Based on patent WO 200016548
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EP 1110387	A1	E		H04N-005/445	Based on patent WO 200016548
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

BR 9913861	A			H04N-005/445	Based on patent WO 200016548
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CN 1323489	A			H04N-005/445	
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KR 2001085810	A			H04N-007/16	
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MX 2001002597	A1			H04N-005/445	
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TW 465235	A			H04N-005/445	
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JP 2002525923	W		80	H04N-005/76	Based on patent WO 200016548
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AU 758745	B			H04N-005/445	Previous Publ. patent AU 9961527
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Based on patent WO 200016548

EP 1330121	A1	E		H04N-005/445	Div ex application EP 99948321
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Div ex patent EP 1110387

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

US 20030154477	A1			H04N-005/445	Cont of application US 98157256
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US 20030154478	A1			G06F-003/00	Cont of application US 98157256
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US 20030149980	A1			G06F-003/00	Cont of application US 98157256
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JP 2004096762	A		28	H04N-005/445	Div ex application JP 2000570963
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JP 2004135297	A		29	H04N-005/765	Div ex application JP 2000570963
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US 20040128685	A1			H04N-007/173	Cont of application US 98157256
----------------	----	--	--	--------------	---------------------------------

Cont of application US 2003383281

CN 1496113	A			H04N-005/445	
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AU 2003203467	B2			H04N-005/445	
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Div ex application AU 9961527

Previous Publ. patent AU 2003203467

AU 2003203467	A1			H04N-005/445	
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Div ex application AU 9961527

JP 3566716	B2		31	H04N-005/76	Div ex application JP 2000570963
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Previous Publ. patent JP 2004135297
AU 2004202458 A1 H04N-005/445 Div ex application AU 2003203467
Interactive television program guide system for digital storage
and display of program and program related information in cable,
satellite...
...Inventor: ELLIS M D ...

... KNUDSON E B

Abstract (Basic):

... The interactive television program guide system (10)
enables display of predetermined programs and associated program data
on each user television equipment (22) using an interactive
television program guide . The digital storage of the programs and
associated program data is performed to the digital storage device of
each user television equipment, using the interactive television
program guide .

... An INDEPENDENT CLAIM is also included for an interactive
television program guide method...

... Enables interaction of user with the television program guide by
entering predetermined commands via a user input interface .
Provides more advanced feature to user through the digital storage of
the programs and program...

... The figure shows the schematic block diagram of an interactive
television program guide system...

... Interactive television program guide system (10

International Patent Class (Main): G06F-003/00 ...

... H04N-005/445 ...

... H04N-005/76 ...

... H04N-005/765 ...

... H04N-007/16 ...

... H04N-007/173

International Patent Class (Additional): G06F-013/00 ...

... H04N-005/44 ...

... H04N-007/08 ...

... H04N-007/081

14/3,K/3 (Item 3 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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011000995 **Image available**

WPI Acc No: 1996-497944/199649

Related WPI Acc No: 1997-051367; 1997-052734; 1998-077503; 1998-413376;
2002-470876; 2002-487916; 2002-535664; 2002-626458; 2003-137918;
2003-660190; 2003-688089; 2003-696233; 2003-696234; 2003-696235;

2004-651256

XRPX Acc No: N96-419881

Electronic television programme guide schedule system - has video display generator controlled in response to user control commands to indicate availability of product or service associated with certain programs

Patent Assignee: TV GUIDE ON SCREEN (TVGU-N); UNITED VIDEO PROPERTIES INC (UNVI-N); NEWS AMERICA PUBLICATIONS INC (NEWS-N); TELECOM COLORADO INC (TELE-N); TELECOM COLORADO (TELE-N); DAVIS B (DAVI-I); ELLIS M D (ELLI-I); KNUDSON E B (KNUD-I); MILLER L (MILL-I)

Inventor: DAVIS B; ELLIS M ; KNUDSON E ; MILLER L; ELLIS M D ; KNUDSON E B

Number of Countries: 026 Number of Patents: 031

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9634491	A1	19961031	WO 96US5729	A	19960424	199649	B
AU 9655729	A	19961118	AU 9655729	A	19960424	199710	
EP 823179	A1	19980211	EP 96913121	A	19960424	199811	
			WO 96US5729	A	19960424		
BR 9608005	A	19990105	BR 968005	A	19960424	199907	
			WO 96US5729	A	19960424		
JP 11501481	W	19990202	JP 96532681	A	19960424	199915	
			WO 96US5729	A	19960424		
AU 712344	B	19991104	AU 9655729	A	19960424	200003	
KR 99008006	A	19990125	WO 96US5729	A	19960424	200014	
			KR 97707530	A	19971024		
AU 200014923	A	20000413	AU 9655729	A	19960424	200028	N
			AU 200014923	A	20000204		
AU 727344	B	20001214	AU 9655729	A	19960424	200103	N
			AU 200014923	A	20000204		
US 6275268	B1	20010814	US 93119367	A	19930909	200148	
			US 94247101	A	19940520		
			US 95428809	A	19950424		
			US 99368198	A	19990804		
US 6357043	B1	20020312	US 93119367	A	19930909	200221	
			US 94247101	A	19940520		
			US 95428809	A	19950424		
			US 99368198	A	19990804		
			US 99428588	A	19991027		
			US 2000604326	A	20000626		
KR 293082	B	20010917	WO 96US5729	A	19960424	200231	
			KR 97707530	A	19971024		
JP 2002185951	A	20020628	JP 96532681	A	19960424	200258	
			JP 2001297745	A	19960424		
CA 2413051	A1	19961031	CA 2218993	A	19960424	200323	
			CA 2413051	A	19960424		
CA 2218993	C	20030218	CA 2218993	A	19960424	200327	
			WO 96US5729	A	19960424		
US 20030177498	A1	20030918	US 95428809	A	19950424	200362	
			US 99368198	A	19990804		
			US 99428588	A	19991027		
			US 2003389852	A	20030314		
US 20030182659	A1	20030925	US 95428809	A	19950424	200364	
			US 99368198	A	19990804		
			US 99428588	A	19991027		
			US 2003390055	A	20030314		
US 20030182660	A1	20030925	US 95428809	A	19950424	200364	
			US 99368198	A	19990804		
			US 99428588	A	19991027		

US 20030182661	A1	20030925	US 2003390056	A	20030314	
			US 95428809	A	19950424	200364
			US 99368198	A	19990804	
			US 99428588	A	19991027	
			US 2003390510	A	20030314	
US 20030188313	A1	20031002	US 93119367	A	19930909	200365
			US 94247101	A	19940520	
			US 95428809	A	19950424	
			US 99428588	A	19991027	
US 20030188314	A1	20031002	US 95428809	A	19950424	200365
			US 99368198	A	19990804	
			US 99428588	A	19991027	
			US 2003390066	A	20030314	
US 20030196203	A1	20031016	US 95428809	A	19950424	200369
			US 99368198	A	19990804	
			US 99428588	A	19991027	
			US 2003420062	A	20030417	
US 20030204847	A1	20031030	US 95428809	A	19950424	200372
			US 99368198	A	19990804	
			US 99428588	A	19991027	
			US 2003434844	A	20030509	
JP 3474578	B2	20031208	JP 96532681	A	19960424	200401
			WO 96US5729	A	19960424	
JP 2004104809	A	20040402	JP 2001297745	A	19960424	200424
			JP 2003322265	A	20030912	
CA 2466894	A1	19961031	CA 2413051	A	19960424	200449
			CA 2466894	A	19960424	
US 6771317	B2	20040803	US 93119367	A	19930909	200451
			US 94247101	A	19940520	
			US 95428809	A	19950424	
			US 99428588	A	19991027	
EP 823179	B1	20040811	EP 96913121	A	19960424	200452
			WO 96US5729	A	19960424	
DE 69633123	E	20040916	DE 96633123	A	19960424	200461
			EP 96913121	A	19960424	
			WO 96US5729	A	19960424	
EP 1467566	A2	20041013	EP 96913121	A	19960424	200467
			EP 200415821	A	19960424	
ES 2229265	T3	20050416	EP 96913121	A	19960424	200528

Priority Applications (No Type Date): US 95428809 A 19950424; AU 200014923 A 20000204; US 93119367 A 19930909; US 94247101 A 19940520; US 99368198 A 19990804; US 99428588 A 19991027; US 2000604326 A 20000626; US 2003389852 A 20030314; US 2003390055 A 20030314; US 2003390056 A 20030314; US 2003390510 A 20030314; US 2003390066 A 20030314; US 2003420062 A 20030417; US 2003434844 A 20030509

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9634491	A1	E	129	H04N-007/025	
					Designated States (National): AU BR CA CN JP KR PL
					Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
AU 9655729	A				Based on patent WO 9634491
EP 823179	A1	E			Based on patent WO 9634491
					Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
BR 9608005	A				Based on patent WO 9634491
JP 11501481	W		141	H04N-007/173	Based on patent WO 9634491
AU 712344	B				Previous Publ. patent AU 9655729
					Based on patent WO 9634491

KR 99008006	A		H04N-007/025	Based on patent WO 9634491
AU 200014923	A		H04N-007/173	Div ex application AU 9655729
				Div ex patent AU 712344
AU 727344	B		H04N-007/173	Div ex application AU 9655729
				Previous Publ. patent AU 200014923
				Div ex patent AU 712344
US 6275268	B1		H04N-005/50	CIP of application US 93119367
				CIP of application US 94247101
				Cont of application US 95428809
				CIP of patent US 5781246
US 6357043	B1		H04N-005/50	CIP of application US 93119367
				CIP of application US 94247101
				Cont of application US 95428809
				Cont of application US 99368198
				Cont of application US 99428588
				CIP of patent US 5781246
KR 293082	B		H04N-007/025	Previous Publ. patent KR 99008006
				Based on patent WO 9634491
JP 2002185951	A	47	H04N-007/173	Div ex application JP 96532681
CA 2413051	A1 E		H04N-007/173	Div ex application CA 2218993
CA 2218993	C E		H04N-007/173	Based on patent WO 9634491
US 20030177498	A1		G06F-003/00	Cont of application US 95428809
				Cont of application US 99368198
				Cont of application US 99428588
				Cont of patent US 6275268
US 20030182659	A1		H04N-005/445	Cont of application US 95428809
				Cont of application US 99368198
				Cont of application US 99428588
				Cont of patent US 6275268
US 20030182660	A1		H04N-005/445	Cont of application US 95428809
				Cont of application US 99368198
				Cont of application US 99428588
				Cont of patent US 6275268
US 20030182661	A1		H04N-005/445	Cont of application US 95428809
				Cont of application US 99368198
				Cont of application US 99428588
				Cont of patent US 6275268
US 20030188313	A1		H04N-005/50	CIP of application US 93119367
				CIP of application US 94247101
				Cont of application US 95428809
				CIP of patent US 5781246
				CIP of patent US 6418556
US 20030188314	A1		H04N-005/445	Cont of application US 95428809
				Cont of application US 99368198
				Cont of application US 99428588
				Cont of patent US 6275268
US 20030196203	A1		G06F-003/00	Cont of application US 95428809
				Cont of application US 99368198
				Cont of application US 99428588
				Cont of patent US 6275268
US 20030204847	A1		G06F-003/00	Cont of application US 95428809
				Cont of application US 99368198
				Cont of application US 99428588
				Cont of patent US 6275268
JP 3474578	B2	67	H04N-007/173	Previous Publ. patent JP 11501481
				Based on patent WO 9634491
JP 2004104809	A	56	H04N-005/445	Div ex application JP 2001297745
CA 2466894	A1 E		H04N-007/173	Div ex application CA 2413051
US 6771317	B2		H04N-005/50	CIP of application US 93119367
				CIP of application US 94247101

Cont of application US 95428809
 CIP of patent US 5781246
 EP 823179 B1 E H04N-007/025 Based on patent WO 9634491
 Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
 MC NL PT SE
 DE 69633123 E H04N-007/025 Based on patent EP 823179
 Based on patent WO 9634491
 EP 1467566 A2 E H04N-007/173 Div ex application EP 96913121
 Div ex patent EP 823179
 Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
 MC NL PT SE
 ES 2229265 T3 H04N-007/025 Based on patent EP 823179
 Electronic television programme guide **schedule system...**
 ...Inventor: **ELLIS M ...**

 ... **KNUDSON E ...**

 ... **ELLIS M D ...**

 ... **KNUDSON E B**

 ...Abstract (Basic): The system comprises a television receiver (12) for
 receiving broadcast, satellite or cablecast **television programmes**
 for several **TV** channels. A data processor (16) receives and stores in
 a memory (18) **television programme** schedule information for several
 programmes. A remote control (31) is used by the viewer for...

 ...interactively viewing programme schedule information for other
 programmes. Provides password control for access to individual
programmes /channels using protected, **interactive** , flexible and
 uncomplicated on-screen **interface** . Allows **user** to access his
 current billing information on-demand...
 International Patent Class (Main): **G06F-003/00 ...**

 ... **H04N-005/445 ...**

 ... **H04N-005/50 ...**

 ... **H04N-007/025 ...**

 ... **H04N-007/173**
 International Patent Class (Additional): **G06F-013/00 ...**

 ... **G06F-017/60 ...**

 ... **H04N-005/00 ...**

 ... **H04N-005/44 ...**

 ... **H04N-007/08 ...**

 ... **H04N-007/081 ...**

 ... **H04N-007/16**
 ?

19/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013781446 **Image available**
WPI Acc No: 2001-265657/200127
XRPX Acc No: N01-190027

Controlling arrangement of windows in a display area of graphical user interface , involves performing window gaining focus and rearranging windows on display area to ensure windows portions are seen by user
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG)
Inventor: THOMASON G G
Number of Countries: 028 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200107996	A1	20010201	WO 2000EP6807	A	20000717	200127 B
EP 1116092	A1	20010718	EP 2000949363	A	20000717	200142
			WO 2000EP6807	A	20000717	
KR 2001075355	A	20010809	KR 2001703805	A	20010324	200211
JP 2003505782	W	20030212	WO 2000EP6807	A	20000717	200321
			JP 2001513025	A	20000717	
TW 578090	A	20040301	TW 2000114439	A	20000719	200457

Priority Applications (No Type Date): GB 9917328 A 19990724

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200107996	A1	E 23	G06F-003/033	
			Designated States (National): JP KR	
			Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE	
EP 1116092	A1	E	G06F-003/033	Based on patent WO 200107996
			Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI	
KR 2001075355	A		G06F-003/14	
JP 2003505782	W	25	G06F-003/00	Based on patent WO 200107996
TW 578090	A		G06F-003/033	

Controlling arrangement of windows in a display area of graphical user interface , involves performing window gaining focus and rearranging windows on display area to ensure windows portions are seen by user

Abstract (Basic):

... The method involves arranging the windows on the display area of a GUI so that a predetermined portion of each window can be seen by a user. A window in the display area is repositioned upon window gaining focus to be visible to the user. The other windows...
... the computer readable storage medium containing the executable instructions for controlling window arrangement on display area of GUI...

...Arranges windows in and out of focus for best visibility. Performs **change** in **focus** dynamically when rearranging windows for best visibility. Covers display **area** of a window without focus. Saves system resources which would be needed to keep contents of window up to date. Avoids reordering based on rank and processing of vertical **positions** . Can be used in display processing of received signals e.g. TV, audio email, world wide web data, teletext and **electronic programme guide** .

21/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016617536

WPI Acc No: 2004-776262/200477

XRPX Acc No: N04-611535

Distribution network automatic separating fault switch controller

Patent Assignee: YI S (YISS-I)

Inventor: YI S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1510811	A	20040707	CN 2002158035	A	20021224	200477 B

Priority Applications (No Type Date): CN 2002158035 A 20021224

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1510811	A		H02H-007/26	

Abstract (Basic):

... control circuit and initial setting circuit, it also includes programmable logic array. Due to adopt **programmable** logic array, **electronic** component and circuit, it is simple structure, small volume, non storage **cell**, it can adapt **multi switch**, it cooperates with distribution network, if the networks have failure, the controller can automatic diagnose...

?

24/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014854415 **Image available**
WPI Acc No: 2002-675121/200272
XRPX Acc No: N02-533805

**Menu driven method for controlling viewing of television programs ,
utilizes stored user profiles from which a summary form can be generated
for ease of viewing and modification**

Patent Assignee: THOMSON LICENSING SA (CSFC); JOHNSON C R (JOHN-I);
KIEFER M A (KIEF-I); RANDALL D W (RAND-I); STUART A E (STUA-I)
Inventor: JOHNSON C R; KIEFER M A; RANDALL D W; STUART A E
Number of Countries: 100 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200269630	A2	20020906	WO 2002US6488	A	20020228	200272 B
KR 2003078940	A	20031008	KR 2003711165	A	20030825	200411
US 20040078806	A1	20040422	WO 2002US6488	A	20020228	200428
			US 2003468557	A	20030821	
AU 2002303111	A1	20020912	AU 2002303111	A	20020228	200433
EP 1436985	A2	20040714	EP 2002731112	A	20020228	200446
			WO 2002US6488	A	20020228	
JP 2004529540	W	20040924	JP 2002568827	A	20020228	200463
			WO 2002US6488	A	20020228	
CN 1502206	A	20040602	CN 2002805669	A	20020228	200465
MX 2003007736	A1	20040101	WO 2002US6488	A	20020228	200471
			MX 20037736	A	20030827	

Priority Applications (No Type Date): US 2001272160 P 20010228; US
2003468557 A 20030821

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200269630	A2	E	32	H04N-005/445	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW					
KR 2003078940	A			H04N-005/44	
US 20040078806	A1			H04N-007/16	
AU 2002303111	A1			H04N-005/445	Based on patent WO 200269630
EP 1436985	A2	E		H04N-005/445	Based on patent WO 200269630
Designated States (Regional): DE ES FR GB IT					
JP 2004529540	W		60	H04N-005/44	Based on patent WO 200269630
CN 1502206	A			H04N-005/445	
MX 2003007736	A1			H04N-005/445	Based on patent WO 200269630

**Menu driven method for controlling viewing of television programs ,
utilizes stored user profiles from which a summary form can be generated
for ease of viewing and modification**

Abstract (Basic):

... profiles, generated from user input, are stored in memory, and
can be listed via a **user interface** where the **user** can **select** a
particular stored profile which can then be displayed in a summary form
for easy **viewing** and **modification** .

... An INDEPENDENT CLAIM is also included for an apparatus for
controlling viewing of **television programs** .
...

...For use in controlling viewing of **television programs** , particularly
for parental control of viewing by younger or immature viewers

29/3,K/1 (Item 1 from file: 344)
DIALOG(R)File 344:Chinese Patents Abs
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4174209

PICTURE MENU PROGRAMME SELECTING METHOD AND DEVICE FOR TV RECEIVER

Patent Assignee: HUAQIAO ELECTRONIC ENTERPRISE (CN)
Author (Inventor): YULIANG WANG (CN); ZUYU CHEN (CN)
Patent Family:

CC Number	Kind	Date
CN 1204210	A	19990106 (Basic)

Application Data:

CC Number	Kind	Date
*CN 97105338	A	19970626

IPC: H04N-007/025

29/3,K/2 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

07081619 **Image available**

DISPLAY DEVICE OF **ELECTRONIC PROGRAM GUIDANCE**

PUB. NO.: 2001-309266 [JP 2001309266 A]
PUBLISHED: November 02, 2001 (20011102)
INVENTOR(s): HORIOKA ATSUSHI
KASHIWABARA MITSURU
KUROYAMA KAZUHIRO
OBARA KAZUAKI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 2000-115529 [JP 2000115529]
FILED: April 17, 2000 (20000417)

DISPLAY DEVICE OF **ELECTRONIC PROGRAM GUIDANCE**

INTL CLASS: H04N-005/445 ; H04H-001/00; H04N-005/00 ; H04N-007/025 ;
H04N-007/03 ; H04N-007/035

ABSTRACT

PROBLEM TO BE SOLVED: To allow selecting a program **cell** composing a program list of a broadcasting schedule by simple operation.

SOLUTION: A display of **electronic program guidance** comprises a program list storage 101 storing program information and dating data pairing up...

... list data selecting part 102 retrieving the program information responding to the specified data, a **cell position** calculating part 104 calculating a size of the program **cell** and a drawing **position**, a program list drawing part 105 drawing the program list according to the size of the program **cell** and the drawing **position**, a data checking part 103 searching the program **cell** responding to the dating data, a dating **cell** drawing part 111 drawing the dating **cell**, an input keys group 110 processing an input to move a cursor specifying the program **cell**, a cursor processor 109 changing the cursor **position** on the program list

according to instructions from the input keys group and a current **cell** decision part 108 deciding the program **cell** specified by the cursor as the current **cell** .

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29/3,K/3 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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06764239 **Image available**

ELECTRONIC PROGRAM GUIDE DISPLAY DEVICE

PUB. NO.: 2000-350110 [JP 2000350110 A]
PUBLISHED: December 15, 2000 (20001215)
INVENTOR(s): YAMAO TAKAHIRO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 11-157899 [JP 99157899]
FILED: June 04, 1999 (19990604)

ELECTRONIC PROGRAM GUIDE DISPLAY DEVICE

INTL CLASS: H04N-005/445

ABSTRACT

PROBLEM TO BE SOLVED: To obtain an **electronic program guide** with excellent user-friendliness by providing a display means, which can display program contents with reduced display **areas** except a broadcast time of a program selected at present, to the **electronic program guide** display device so as to increase number of programs able to be displayed at once in the **electronic program guide** .

SOLUTION: A **cell** size decision section 23 extracts program information stored in a program information storage section 31...

...information is the same as a program selected at present and stored in a cursor **position** storage section 34. In the case that the extracted program information is the same as the program selected at present, number of **cell** lines enough to display the program information of the program that is selected is calculated and the calculated line number is outputted as **cell** size information. In the case that the extracted program information is not the same as the program selected at present, the **cell** size information of one line is outputted. A program table provision section 35 receiving the program information outputted from the program information storage section 31 and the decided **cell** size information generates **cells** to display contents of each program information and provides an output of the result as...

29/3,K/4 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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06516229 **Image available**

INFORMATION DISPLAY DEVICE AND INFORMATION DISPLAY METHOD

PUB. NO.: 2000-101947 [JP 2000101947 A]
PUBLISHED: April 07, 2000 (20000407)
INVENTOR(s): KURIHARA RYOICHI
OMURA YOSHINORI
APPLICANT(s): SHARP CORP
APPL. NO.: 10-269255 [JP 98269255]
FILED: September 24, 1998 (19980924)

INTL CLASS: H04N-005/445 ; H04N-007/025 ; H04N-007/03 ; H04N-007/035

ABSTRACT

PROBLEM TO BE SOLVED: To easily read characters of an **EPG** by providing an **area** on which information of a selected program is displayed through magnification to a displayed program list, so as to display the **EPG** through magnification, even when the characters of the **EPG** are difficult to read because they are displayed on a small screen of a display...

... SOLUTION: A display control circuit decides a display form of a display device for an **EPG** configured in accordance with instructions from a microprocessor and a video signal decoded by an AV decoder. That is, only the video signal, or only the **EPG** or the video signal and **EPG** superimposed with each other is displayed. The user selects a desired program by a cursor 12 in the display of the **EPG**. The user instructs the movement of the cursor 12 through an entry operation section. In...

... when the size of the display device is small, since the characters displayed on a **cell** 11 selected by the cursor 12 are to be distinguished, the characters displayed on the **cell** 11 selected by the cursor 12 are displayed on an **area** 13 through magnification. The contents of the **cell** 11 selected by the cursor 12 attended with its movement are displayed sequentially through magnification...

29/3,K/5 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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05716684 **Image available**

PROGRAM GUIDE DISPLAY CONTROLLER AND TELEVISION RECEIVER

PUB. NO.: 09-331484 [JP 9331484 A]
PUBLISHED: December 22, 1997 (19971222)
INVENTOR(s): TSUNODA HIROSHI
OTSUKI MASAKO
APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-147034 [JP 96147034]
FILED: June 10, 1996 (19960610)

PROGRAM GUIDE DISPLAY CONTROLLER AND TELEVISION RECEIVER

INTL CLASS: H04N-005/445 ; H04N-007/16

ABSTRACT

...part 5, a channel number selected just before and current time are read, and reference **cells** are set from all the program guide **areas**. A display table is prepared with these **cells** as index tables, the information in the table is sent from a CPU 6 to...

...time zone is set by the user, the set time zone of the picture display **area** and the other time zone **area** are displayed in different colors, a following key input is waited. In this case, program...

29/3,K/6 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014295074 **Image available**
WPI Acc No: 2002-115777/200216
XRPX Acc No: N02-086356

Solid state image sensor/intensifier device exploits charge multiplication by single carrier impact ionization

Patent Assignee: ISETEX INC (ISET-N)
Inventor: HYNCECK J
Number of Countries: 027 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1081766	A1	20010307	EP 2000118019	A	20000822	200216 B
US 6278142	B1	20010821	US 99151370	P	19990830	200216
			US 2000489347	A	20000121	
JP 2001127277	A	20010511	JP 2000259520	A	20000829	200216

Priority Applications (No Type Date): US 2000489347 A 20000121; US 99151370 P 19990830

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1081766	A1	E	33	H01L-027/148	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 6278142	B1			H01L-027/148	Provisional application US 99151370
JP 2001127277	A		23	H01L-027/148	

Abstract (Basic):

... The image intensifier device comprises a photosensitive **area** , a channel stop which partly delimits the photosensitive **area** , and a high field carrier multiplication **area** . Channel stop **regions** (204,206) confine charge in the Y direction while gate electrodes (202,203) together with the Virtual Electrode **region** (205) confine charge in the X direction. A circular aperture (221) is opened in gate ...

...The same material used for the formation of gate electrode (202) covers the gate-opening **region** . The resulting charge multiplication gate (222) is connected to metal line (223) and finally to...

... The charge gain of photocells or photo-detector pixels of image sensors can be **programmed** or controlled by **electronic** signals applied externally to the chip...

...The drawing is a plan view of a generic IMPACTRON unit **cell** .
...

...Channel stop **regions** (204,206

...International Patent Class (Additional): H04N-005/335

29/3,K/7 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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013741297 **Image available**

WPI Acc No: 2001-225527/200123

XRPX Acc No: N01-160113

**Computer aided power consumption characterization data simulation for
logic cell representation, involves associating power characterization
data detected for transition state, with other transition state**

Patent Assignee: SYNOPSIS INC (SYNO-N)

Inventor: HU J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6157903	A	20001205	US 9841828	A	19980312	200123 B

Priority Applications (No Type Date): US 9841828 A 19980312

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6157903	A	19	G06F-017/50	

**Computer aided power consumption characterization data simulation for
logic cell representation, involves associating power characterization
data detected for transition state, with other transition state**

Abstract (Basic):

... are compared and power equivalent states are identified and
 grouped. Power characterization data of logic **cell** is detected by
 simulating logic **cell** representation during occurrence of transition
 state selected from group and associated with other transition states
 ...

... Transition state of physical circuit are symbolically indicated
 based on steady states of logic **cell** representation. The nodal
 switching dynamic patterns are obtained by converting the transition
 patterns of circuit...

...F type, r type, f type. Weight factor is assigned to particular node
 based on **position** of node in physical circuit and strength factor is
 assigned based on number of paths...

...b) Computer readable memory that has program code for **electronic**
 designing...

...state, holds good for rest of transition state in the group,
 characterization time for logic **cell** is minimized without
 compromising characterization accuracy...

...Title Terms: **CELL** ;

International Patent Class (Main): **G06F-017/50**

29/3,K/8 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012901597

WPI Acc No: 2000-073433/200007

XRPX Acc No: N00-057468

Picture menu programme selecting method and device for TV receiver

Patent Assignee: HUAQIAO ELECTRONIC ENTERPRISE CO LTD XIA (HUAQ-N)

Inventor: CHEN Z; WANG Y

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1204210	A	19990106	CN 97105338	A	19970626	200007 B
CN 1054720	C	20000719	CN 97105338	A	19970626	200470

Priority Applications (No Type Date): CN 97105338 A 19970626

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1204210	A		1	H04N-007/025	
CN 1054720	C			H04N-005/45	

...Abstract (Basic): NOVELTY - The present invention relates to a method for receiving **television programme** and its device. It is characterized by that the real-time broadcast image contents of all preselected and tuned frequency channels are edited into an image menu, **partitioned by positions** and displayed on the screen simultaneously, and at the same time the **positions** of (remote-operated or native) keys of menu keyboard for selecting programme are corresponding to the screen- **partitioned geometric positions** , so that according to the image **position** on the screen the correspondent key is pressed down, the selected programme can be obtained...

...USE - For receiving **television programmes** .

International Patent Class (Main): **H04N-005/45** ...

... **H04N-007/025**

29/3,K/9 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011492238 **Image available**

WPI Acc No: 1997-470151/199743

XRPX Acc No: N97-392279

Large area solid-state X-ray detector providing real-time medical image viewing - has acquisition control circuitry to reset cells of detector during second scan of each row such that cells in rows are charged for second period larger than first period

Patent Assignee: GENERAL ELECTRIC CO (GENE)

Inventor: MORVAN J; PETRICK S W; SKRENES L R; MORVAN J C

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5668375	A	19970916	US 96703237	A	19960826	199743 B
EP 833505	A2	19980401	EP 97306476	A	19970826	199817
JP 10170657	A	19980626	JP 97229101	A	19970826	199836

Priority Applications (No Type Date): US 96703237 A 19960826

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5668375	A		9	G01T-001/24	
EP 833505	A2 E		10	H04N-005/32	

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Large area solid-state X-ray detector providing real-time medical image viewing...

...has acquisition control circuitry to reset cells of detector during second scan of each row such that cells in rows are charged for second period larger than first period

...Abstract (Basic): The area x-ray detector comprises a number of electrically chargeable solid state cells arranged in rows and columns that are accessed by charge integrators attached to those of each column to provide a reading of total charge delivered to these cells . A control electronic circuitry is programmed to acquire an image signal during a scan of each of the rows of cells , one row at a time, at a row rate, and restore the charge of cells of the detector during a scan of each of the rows of cells , one row at a time, at the row rate after all rows have been initially...

...The scanning of each row includes (i) charging the cells of the row for a first predetermined time period, (ii) measuring the total charge delivered to each cell of the row by the charge integrators, and (iii) resetting the charge integrators. The restoration of each row of charge of cells of the detector includes charging the cells of the row for a second predetermined time period larger than the first predetermined time...

Title Terms: **AREA ;**

...International Patent Class (Main): H04N-005/32

29/3,K/10 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011266620 **Image available**

WPI Acc No: 1997-244523/199722

Related WPI Acc No: 2000-663787; 2003-811368

XRPX Acc No: N97-201715

Directly manipulating cells in electronic spreadsheet program - displaying border around selected cells , activating drag mode while pointer is positioned over border, positioning border over new area of sheet by moving pointer, and moving data to cells in new area surrounded by border

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: GRAHAM C E; HUNTER R A; JAMES L R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5623282	A	19970422	US 91815656	A	19911231	199722 B
			US 94219868	A	19940330	

Priority Applications (No Type Date): US 91815656 A 19911231; US 94219868 A 19940330

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 5623282 A 16 G06F-007/00 Cont of application US 91815656

Directly manipulating cells in electronic spreadsheet program - ...

...displaying border around selected cells , activating drag mode while pointer is positioned over border, positioning border over new area of sheet by moving pointer, and moving data to cells in new area surrounded by border

...Abstract (Basic): After the user has selected the cells to be manipulated, the user merely positions the cursor over any part of the outside border of the selected group of cells , depresses and holds down a predefined mouse button, drags the border to a new location...

...with options such as whether the manipulation should be to move or copy the selected cells , or the selected cells may be moved and no option presented...

...which control key was depressed or upon the location of the repositioned border, the selected cells may be pasted over existing cells , or they may be inserted into the spreadsheet causing the existing cells to be shifted right and/or down...

...ADVANTAGE - Directly manipulating cells in spreadsheet. Provides visual representation of selected cells to be moved or copied, and when cells are to be inserted rather than pasted...

...Title Terms: CELL ;

International Patent Class (Main): G06F-007/00

29/3,K/11 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011226613 **Image available**

WPI Acc No: 1997-204516/199719

XRPX Acc No: N97-168754

Correction of picture position errors in scanning films for television
- involves determining pattern region corresponding to curvature in picture contents and checking its presence in subsequent picture

Patent Assignee: PHILIPS PATENTVERWALTUNG GMBH (PHIG); PHILIPS ELECTRONICS NV (PHIG); PHILIPS GLOEILAMPENFAB NV (PHIG); US PHILIPS CORP (PHIG)

Inventor: BECKENBACH A; BONSE T; EIBERGER B; HERFET T; LEONARD T; LOEW A; PASCHEDAG W; PHILIPP K; WENDLAND B; LOW A

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19536691	A1	19970403	DE 1036691	A	19950930	199719 B
GB 2305803	A	19970416	GB 9620054	A	19960926	199719
JP 9116809	A	19970502	JP 96259716	A	19960930	199728
US 5943090	A	19990824	US 96715947	A	19960919	199941
GB 2305803	B	20000216	GB 9620054	A	19960926	200011

Priority Applications (No Type Date): DE 1036691 A 19950930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19536691	A1	14		H04N-005/253	
GB 2305803	A	34		H04N-005/253	
JP 9116809	A	14		H04N-005/253	
GB 2305803	B			H04N-005/253	

US 5943090 A H04N-003/36
Correction of picture position errors in scanning films for television
...

...involves determining pattern region corresponding to curvature in
picture contents and checking its presence in subsequent picture

...Abstract (Basic): moving a film (1) with uniform velocity past an
optoelectronic sensor (2); consisting of CCD cells, under the
illumination of a lamp (3), focussed by a lens (4) on to the...

...USE/ADVANTAGE - For television programme production using films.
Improvement in accuracy of correction signals...

...Title Terms: POSITION ;

International Patent Class (Main): H04N-003/36 ...

... H04N-005/253

International Patent Class (Additional): H04N-005/262

29/3,K/12 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010946557 **Image available**
WPI Acc No: 1996-443507/199644
Related WPI Acc No: 1996-443506
XRPX Acc No: N96-373422

Wireless cable distribution system for e.g. TV programme distribution
- has directional transmitting antennae at cell peripheries, with
receiver integrating time separated signals

Patent Assignee: BELL ATLANTIC NETWORK SERVICES (BELL-N)

Inventor: KOSTRESKI B; SCHNEIDER A

Number of Countries: 070 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9629824	A1	19960926	WO 96US3681	A	19960318	199644 B
AU 9654253	A	19961008	AU 9654253	A	19960318	199704
US 5729825	A	19980317	US 95405685	A	19950317	199818
			US 95409443	A	19950324	

Priority Applications (No Type Date): US 95409443 A 19950324; US 95405685 A
19950317

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9629824 A1 E 71 H04N-007/00

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE
DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
LS LU MC MW NL OA PT SD SE SZ UG

AU 9654253 A H04N-007/00 Based on patent WO 9629824

US 5729825 A 32 H04N-007/00 CIP of application US 95405685

CIP of patent US 5659353

Wireless cable distribution system for e.g. TV programme distribution

...

...has directional transmitting antennae at cell peripheries, with

receiver integrating time separated signals

...Abstract (Basic): The wireless cable distribution system includes several groups of antennas on the peripheries of adjacent **cells** within a service **area** . These propagate directional simulcast signals in a directional pattern into an associated **cell** . The propagation patterns of the antennas overlap over a major portion of the **area** enclosed within the periphery...

...Several receivers in each of the **cells** receive several time separated versions of the signals and have a device processing these versions...

...ADVANTAGE - Improves propagation coverage, reduces blockage **areas** , and eliminates necessity for virtually pin-point aiming of directional antennas. Minimises multi-path interference...

...Abstract (Equivalent): The wireless cable distribution system includes several groups of antennas on the peripheries of adjacent **cells** within a service **area** . These propagate directional simulcast signals in a directional pattern into an associated **cell** . The propagation patterns of the antennas overlap over a major portion of the **area** enclosed within the periphery...

...Several receivers in each of the **cells** receive several time separated versions of the signals and have a device processing these versions...

...ADVANTAGE - Improves propagation coverage, reduces blockage **areas** , and eliminates necessity for virtually pin-point aiming of directional antennas. Minimises multi-path interference...

...Title Terms: **CELL** ;

International Patent Class (Main): **H04N-007/00**

International Patent Class (Additional): **H04N-005/38**

29/3,K/13 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008135701

WPI Acc No: 1990-022702/199003

XRPX Acc No: N90-017233

Television recording system with advertising material erasure - has simultaneous read-write memory plus separate record and playback facilities, which accelerate process during unwanted periods

Patent Assignee: ULMER S W (ULME-I)

Inventor: ULMER S W

Number of Countries: 014 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8912896	A	19891228	WO 89EP271	A	19890601	199003 B
FR 2633132	A	19891222				199007
EP 375764	A	19900704	EP 89806792	A	19890601	199027
EP 375764	B1	19931103	EP 89906792	A	19890601	199344
			WO 89FR271	A	19890601	
DE 68910485	E	19931209	DE 610485	A	19890601	199350
			EP 89906792	A	19890601	
			WO 89FR271	A	19890601	

Priority Applications (No Type Date): FR 888412 A 19880617

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8912896	A	F	12		
				Designated States (National): JP KR US	
				Designated States (Regional): AT BE CH DE FR GB IT LU NL SE	
EP 375764	A				
				Designated States (Regional): CH DE GB LI	
EP 375764	B1	F	15	G11B-027/02	Based on patent WO 8912896
				Designated States (Regional): CH DE GB LI	
DE 68910485	E			G11B-027/02	Based on patent EP 375764
					Based on patent WO 8912896

...Abstract (Basic): The material of a **television programme** is stored in its entirety by a recorder having access to a large-scale simultaneous...

...Abstract (Equivalent): the recording mechanism being separate and independent, capable of operating simultaneously, and capable of being **positioned** and moved independently one from the other on the recording medium; that it consists of...

...and speed adaptation; that the recording medium consists of a large number L of storage **cells**, each **cell** capable of containing a television images and the associated sound signals, formatted in a suitable...

...recording mechanism comprises a write address register (WAR) that contains the address of the storage **cell** it is to write into; that the WAR can be initialised to any storage **cell** address such that recording can start at any place on the recording medium; that the...

...reading mechanism comprises a read address register (RAR) that contains the address of the storage **cell** it is to read from; that the RAR can be initialised to any storage **cell** address such that reading can start at any place of the recording medium; that the...

...International Patent Class (Additional): **H04N-007/00**

? show files; ds; save temp; logoff hold

File 2:INSPEC 1969-2005/May W2
(c) 2005 Institution of Electrical Engineers

File 6:NTIS 1964-2005/May W1
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2005/May W2
(c) 2005 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/May W2
(c) 2005 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2005/Apr
(c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/May W3
(c) 2005 BLDSC all rts. reserv.

File 94:JICST-Eplus 1985-2005/Mar W4
(c) 2005 Japan Science and Tech Corp(JST)

File 95:TEME-Technology & Management 1989-2005/Apr W1
(c) 2005 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Apr
(c) 2005 The HW Wilson Co.

File 144:Pascal 1973-2005/May W2
(c) 2005 INIST/CNRS

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988
(c) 2001 ProQuest Info&Learning

File 483:Newspaper Abs Daily 1986-2005/May 14
(c) 2005 ProQuest Info&Learning

Set	Items	Description
S1	171484	IPG OR EPG OR (ELECTRONIC OR INTERACTIVE OR TELEVISION?? OR TV) (3N) PROGRAM? () (GUIDE?? OR MENU) OR (ELECTRONIC OR INTERACTIVE OR TELEVISION?? OR TV) (3N) PROGRAM? OR AVAILABLE () PROGRAM () LISTING??
S2	168611	USER?? (3N) INTERFACE??
S3	146665	(MULTIPLE OR MANY OR SEVERAL OR PLURAL??? OR VARIOUS OR MULTI) (3N) (CELL?? OR PARTITION??)
S4	7652973	REGION?? OR AREA?? OR POSITION??
S5	32342	(MODIF? OR AMEND? OR CHANG? OR ADJUST?) (3N) (FOCUS? OR VIEW?)
S6	1525	(SELECT? OR PICK? OR CHOOS?) (7N) S2
S7	1071	(HIGHLIGHT? OR MARK?) (3N) S3
S8	267	(NAVIGAT? OR SWITCH?) (3N) S3
S9	6370	AU=(CARPENTER, K? OR CARPENTER K? OR CORVIN, J? OR CORVIN - J? OR DRUMMOND, B? OR DRUMMOND B? OR ELLIS, M? OR ELLIS M? OR KNUDSON, E? OR KNUDSON E? OR RUSH, J? OR RUSH J? OR DEWEESE, - T? OR DEWEESE T?)
S10	1	S1 AND S9
S11	2177	S1 AND S2
S12	2	S11 AND S3
S13	2	RD (unique items)
S14	2	S13 NOT PY>2001
S15	2	S14 NOT S10
S16	24350	S3 AND S4
S17	2	S16 AND S1
S18	2	S17 NOT S15
S19	2	S18 NOT PY>2001
S20	0	S6 AND S7 AND S8
S21	1345	S1 AND (CELL?? OR PARTITION??)

S22	43	S21 AND S2
S23	32	RD (unique items)
S24	26	S23 NOT PY>2001
S25	1	S21 AND S5
S26	0	S25 NOT PY>2001
S27	146	S21 AND S4
S28	124	S27 NOT PY>2001
S29	97	RD (unique items)
S30	0	S29 AND S5
S31	2	S29 AND S2
S32	2	RD (unique items)
S33	2	S32 NOT (S19 OR S15 OR S10)
S34	1	S33 NOT IMMUNOGLOBULIN() GENES

10/3,K/1 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
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0622066 NTIS Accession Number: ORNL/CSD/TM-18/XAB

**Fortran Programs for Transient Eddy Current Calculations Using a
Perturbation-Polynomial Expansion Technique**

Carpenter, K. H.

Oak Ridge National Lab., Tenn.

Corp. Source Codes: 4832000

Sponsor: Energy Research and Development Administration.

Nov 76 69p

Journal Announcement: GRAI7712; NSA0200

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A04/MF A01

Carpenter, K. H.

... implementation is in two steps--a batch program to produce an intermediate data file and **interactive programs** to produce graphical output. FORTRAN source listings are included for all program elements, and sample...

?

15/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03602802 INSPEC Abstract Number: C90027702

Title: A tutorial on dialogue cells
Author(s): van Liere, R.; Schouten, H.J.; ten Hagen, P.J.W.
Author Affiliation: Dept. of Interactive Syst., Centre for Math. & Comput. Sci., Amsterdam, Netherlands
Conference Title: Giornata di Studio. Sistemi per la Gestione di Interfacce Utente: Metodologie e Strumenti (Day of Study. Systems for Control of User Interfaces: Methodologies and tools) p.5-43
Publisher: A.I.C.A, Milan, Italy
Publication Date: 1989 Country of Publication: Italy 160 pp.
Conference Date: 10 Nov. 1989 Conference Location: Milan, Italy
Language: English
Subfile: C

...Abstract: a particular I/O unit. The DICE system is outlined. Examples are given of how **various** dialogue **cell** concepts can be used. For each example the authors describe the actual dialogue and how...

...Descriptors: **interactive programming** ; ...

... **user interfaces**

15/3,K/2 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04039993 E.I. No: EIP95012515036

Title: OOPIC simulation project: progress and validation
Author: Gladd, N.T.; Verboncoeur, J.P.; Birdsall, C.K.; Cartwright, K.; Mardahl, P.; Peter, W.
Conference Title: Proceedings of the IEEE International Conference on Plasma Science
Conference Location: Santa Fe, NM, USA Conference Date: 19940606-19940608
E.I. Conference No.: 42212
Source: IEEE International Conference on Plasma Science 1994. IEEE, Piscataway, NJ, USA. p 225-226
Publication Year: 1994
CODEN: 001685 ISSN: 0730-9244
Language: English

Abstract: The OOPIC (Object-Oriented Particle-In- **Cell**) project is a **multi** -institutional effort centering on the use of advanced computational methods to develop a 2 one...

...is formulated with object-oriented concepts, implemented in C plus plus , has a sophisticated graphical **user interface** and operates on PCs as well as workstations. To test the EM capabilities of OOPIC...

Descriptors: *Vacuum technology; Computer simulation; Object oriented programming; Computational methods; C (**programming** language); **User interfaces** ; **Interactive** computer graphics; Software engineering; Standards; Codes (symbols)

?

19/3,K/1 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
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1399121 NTIS Accession Number: NTN88-0463

Programmable Synaptic Arrays for Electronic Neural Networks: High resistances prevent hotspots in parallel input and output operation

(NTIS Tech Note)

National Aeronautics and Space Administration, Washington, DC.

Corp. Source Codes: 011249000

Jun 88 1p

Languages: English

Journal Announcement: GRAI8901

FOR ADDITIONAL INFORMATION: Contact: NASA Technology Transfer Div., PO Box 8757 BWI Airport, MD 21240; (301) 621-0100 ext 241. For licensing information, contact: Patent Counsel, Paul F. McCaul, Mail Code 180-801, Jet Propulsion Lab., 4800 Oak Grove Drive, Pasadena CA 91109; (818) 354-2734. Refer to NPO-16674/TN.

NTIS Prices: Not available NTIS

Programmable Synaptic Arrays for Electronic Neural Networks: High resistances prevent hotspots in parallel input and output operation

...power dissipation. It can accommodate about 1 billion bits in a square centimeter of surface area. A bit can be written with an expenditure of less than 1 nanojoule of energy...

... but are widely distributed. The information is found by content rather than by address. Thus, many adjoining memory cells dissipate heat simultaneously as they are read from, and written to, in parallel. Hotspots of...

19/3,K/2 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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05639231 E.I. No: EIP00085291697

Title: 2.5 V, 2.0 Gbyte/s 288 M packet-based DRAM with enhanced cell efficiency and noise immunity

Author: Kyung, K.-H.; Lee, H.-C.; Song, K.-W.; Song, H.-S.; Jung, K.-W.; Lee, D.-Y.; Kim, C.; Cho, S.-I.

Corporate Source: Samsung Electronics, Co Ltd, Kyungki-Do, South Korea

Conference Title: 2000 Symposium on VLSI Circuits

Conference Location: Honolulu, HI, USA Conference Date: 19000615-19000617

E.I. Conference No.: 57181

Source: IEEE Symposium on VLSI Circuits, Digest of Technical Papers 2000. IEEE, Piscataway, NJ, USA. p 112-115

Publication Year: 2000

CODEN: 85PXA5

Language: English

...Abstract: edge of 500 MHz differential clocks and 18 I/O organization. Chip features include: an area - and performance-efficient architecture with well-mixed high speed interface circuits with DRAM peripheral circuits

...to enhance DRAM core timing margin while digressing from conventional sub-wordline driving scheme, an area -efficient column redundancy scheme with multiple fuse-boxes instead of excessive spare memory cell arrays

for multi -I/O architecture, and a zero-DC-current receiver with a counter kick-back coupling...

Descriptors: *Dynamic random access storage; Timing circuits; Input output **programs** ; Microprocessor chips; Amplifiers (**electronic**)
?

24/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6873186 INSPEC Abstract Number: C2001-04-7250R-033

Title: Enhancing information retrieval by automatic acquisition of textual relations using genetic programming

Author(s): Bergstrom, A.; Jaksetic, P.; Nordin, P.

Author Affiliation: Dept. of Linguistics, Goteborg Univ., Sweden

Conference Title: IUI 2000. 2000 International Conference on Intelligent User Interfaces p.29-32

Editor(s): Lieberman, H.

Publisher: ACM, New York, NY, USA

Publication Date: 2000 Country of Publication: USA xi+288 pp.

ISBN: 1 58113 134 8 Material Identity Number: XX-2000-00099

U.S. Copyright Clearance Center Code: 1 58113 134 8/2000/1..\$5.00

Conference Title: Proceedings of IUI 2000: International Conference on Intelligent User Interfaces

Conference Sponsor: ACM

Conference Date: 9-12 Jan. 2000 Conference Location: New Orleans, LA, USA

Language: English

Subfile: C

Copyright 2001, IEE

Abstract: We have explored a novel method to find textual relations in **electronic** documents using genetic **programming** and semantic networks. This can be used for enhancing information retrieval and simplifying **user interfaces**. The automatic extraction of relations from text enables easier updating of electronic dictionaries and may reduce interface area both for search input and hit output on small screens such as **cell** phones and PDAs (personal digital assistants).

...Descriptors: **user interfaces**

...Identifiers: **user interfaces ; ...**

... **cell** phones

24/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6804223 INSPEC Abstract Number: C2001-02-6110V-002

Title: Visual constraint programming environment for configuration problems

Author(s): El-Sayed, R.A.; Sameh, A.

Author Affiliation: Dept. of Comput. Sci., American Univ., Cairo, Egypt

Conference Title: Proceedings of the ISCA 15th International Conference Computers and Their Applications p.422-6

Publisher: Int. Soc. Comput. & Their Appl.- ISCA, Cary, NC, USA

Publication Date: 2000 Country of Publication: USA viii+448 pp.

ISBN: 1 880843 32 3 Material Identity Number: XX-2000-00651

Conference Title: Proceedings of CATA-2000. 15th International Conference on Computers and their Applications

Conference Sponsor: Int. Soc. Comput. & Their Appl. - ISCA

Conference Date: 29-31 March 2000 Conference Location: New Orleans, LA, USA

Language: English

Subfile: C

Copyright 2001, IEE

...Abstract: languages that are based on constraint solving. We develop a model for generating user-tailored **interactive** visual **programming** environments that are based on end-user needs. These visual programming environments are the ones that serve as the visual **interfaces** through which the **user** models his problems in a certain application domain. The generated visual programming environments are a...

... and program creation. The first part, which is the creation of the language or the **cell** -based visual programming environment is done through a translation system that generates the programming environments...

... second part describes the program creation that is developed by the end user through the **cell** -based visual-programming environment generated in the first part. Here the user specifies the desired...

...Identifiers: **interactive** visual **programming** environments...

... **cell** -based visual programming

24/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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4864725 INSPEC Abstract Number: C9503-7440-009

Title: A mesh partitioning tool and its applications to parallel processing

Author(s): Shang-Hsien Hsieh

Author Affiliation: Sch. of Civil Eng., Purdue Univ., West Lafayette, IN, USA

p.168-73

Editor(s): Ni, L.M.

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1994 Country of Publication: USA xxiv+771 pp.

ISBN: 0 8186 6555 6

U.S. Copyright Clearance Center Code: 0 8186 6555 6/94/\$04.00

Conference Title: Proceedings of 1994 International Conference on Parallel and Distributed Systems

Conference Sponsor: Nat. Chiao Tung Univ.; IEEE Comput. Soc. Tech. Committee on Parallel Process.; IEEE Comput. Soc. Tech. Committee on Distributed Process

Conference Date: 19-21 Dec. 1994 Conference Location: Hsinchu, Taiwan

Language: English

Subfile: C

Copyright 1995, IEE

...Abstract: tool called PSAINT and its applications to parallel processing research and education. PSAINT is an **interactive** graphics **program** with a friendly **interface** for **user** -program interaction. It offers several automatic mesh partitioning algorithms as well as a set of ...

... partitioning. The program automatically generates various statistics results and allows for visualization of the mesh **partitions** . PSAINT was originally developed as a key component in an integrated parallel finite element analysis...

...Identifiers: **interactive** graphics **program** ;

24/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

04038481 INSPEC Abstract Number: B9201-8110B-100, C9201-7410B-073

Title: Real time power system dynamics simulation

Author(s): Berry, T.; Daniels, A.R.; Dunn, R.W.; Geeves, S.

Author Affiliation: Bath Univ., UK

Conference Title: CIGRE. Proceedings of the 33rd Session. International Conference on Large High Voltage Electric Systems p.38-201/1-5 vol.2

Publisher: CIGRE, Paris, France

Publication Date: 1990 Country of Publication: France 2 vol. 2772 pp.

Conference Date: 26 Aug.-1 Sept. 1990 Conference Location: Paris, France

Language: English

Subfile: B C

...Abstract: results compare well with those obtained from the test proven CEGB digital computer program. The **user interface** includes animated graphical displays to emulate control room instruments, since immediate applications are in operator...

... simulation will be well capable of use for longer term planning. The simulator uses a **partitioned** solution algorithm to allow simultaneous processing of the machine equations.

Identifiers: **interactive program** ; ...

... **user interface** ;

24/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03986319 INSPEC Abstract Number: C91066436

Title: An Ada-based, portable design workstation for computer-generated cockpit displays

Author(s): Turner, T.L.; Barker, M.C.; Suresh, R.; Ananstoos, J.V.; Jewell, D.M.; Montoya, R.J.; Williams, D.A.

Author Affiliation: Research Triangle Inst., Research Triangle Park, NC, USA

Conference Title: Proceedings. IEEE/AIAA/NASA 9th Digital Avionics Systems Conference (Cat. No.90CH2929-8) p.582-8

Publisher: IEEE, New York, NY, USA

Publication Date: 1990 Country of Publication: USA 696 pp.

U.S. Copyright Clearance Center Code: CH2929-8/90/0000-0582\$01.00

Conference Sponsor: IEEE/AIAA/NASA

Conference Date: 15-18 Oct. 1990 Conference Location: Virginia Beach, VA, USA

Language: English

Subfile: C

...Abstract: resultant object definitions (in PHIGS) and display actions specifications (in Ada) to automatically generate properly **partitioned** display system code (in Ada and Ada/PHIGS) for a target display system.

...Descriptors: graphical **user interfaces** ; ...

... interactive programming ;

24/3,K/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03766679 INSPEC Abstract Number: A91002592, C91005694

Title: ISOLEV: a level surface cutting plane program for fluid flow data

Author(s): Kerlick, G.D.

Author Affiliation: Tektronix Lab., Beaverton, OR, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering vol.1259 p.2-13

Publication Date: 1990 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

Conference Title: Extracting Meaning from Complex Data: Processing, Display, Interaction

Conference Sponsor: SPIE; Soc. Imaging Sci. Technol

Conference Date: 14-16 Feb. 1990 Conference Location: Santa Clara, CA, USA

Language: English

Subfile: A C

Abstract: A computer **program** called ISOLEV allows **interactive** visualization of computational fluid dynamics (CFD) scalar and vector functions by means of a user...

... The application is based on table lookups which govern both isosurface generation on hexahedral grid **cells** and recursive subdivision of the **cells** . The program supports Gouraud-shaded color maps of the data, surface-on-surface maps, and...

...vector fields. The execution of the code for animated sweeps is improved by presorting the **cells** in the database and maintaining an active set of **cells** to be rendered. The program is implemented in the C language under UNIX and makes use of the NASA Ames Panel Library as a **user interface** .

...Identifiers: **cell** presorting...

...hexahedral grid **cells** ; ...

... **user interface**

24/3,K/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03602802 INSPEC Abstract Number: C90027702

Title: A tutorial on dialogue cells

Author(s): van Liere, R.; Schouten, H.J.; ten Hagen, P.J.W.

Author Affiliation: Dept. of Interactive Syst., Centre for Math. & Comput. Sci., Amsterdam, Netherlands

Conference Title: Giornata di Studio. Sistemi per la Gestione di Interfacce Utente: Metodologie e Strumenti (Day of Study. Systems for Control of User Interfaces: Methodologies and tools) p.5-43

Publisher: A.I.C.A, Milan, Italy

Publication Date: 1989 Country of Publication: Italy 160 pp.

Conference Date: 10 Nov. 1989 Conference Location: Milan, Italy

Language: English
Subfile: C

Title: A tutorial on dialogue cells

...Abstract: of dialogue programming is given. The authors go on to look at DICE, a dialogue **cell** which is a process that produces a particular I/O unit. The DICE system is outlined. Examples are given of how various dialogue **cell** concepts can be used. For each example the authors describe the actual dialogue and how it can be captured within the syntax of the dialogue **cell** specification.

...Descriptors: **interactive programming** ; ...

... **user interfaces**

...Identifiers: dialogue **cell** concepts...

...dialogue **cell** specification

24/3,K/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03487506 INSPEC Abstract Number: C89067948

Title: A spreadsheet interface for logic programming

Author(s): Spenke, M.; Beilken, C.

Author Affiliation: German Nat. Res. Center for Comput. Sci., Saint Augustin, West Germany

Journal: SIGCHI Bulletin spec. issue. p.75-80

Publication Date: May 1989 Country of Publication: USA

CODEN: SGBUD4 ISSN: 0736-6906

U.S. Copyright Clearance Center Code: 0-89791-301-9/89/0004-0075\$1.50

Conference Title: Conference on Human Factors in Computing Systems (CHI 89)

Conference Sponsor: IEEE; ACM

Conference Date: 30 April-4 May 1989 Conference Location: Austin, TX, USA

Language: English

Subfile: C

...Abstract: the concepts of logic programming and spreadsheets are combined. Thus, on the one hand, logic **programming** becomes an **interactive**, incremental task where the user gets direct visual feedback, on the other hand, functionality and...

... order to perform calculations and queries, constraints are imposed on the contents of the spreadsheet **cells**. New predicates can be defined using a programming-by-example technique: rules are extracted from...

...Descriptors: **user interfaces**

...Identifiers: spreadsheet **cells** ;

24/3,K/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03365433 INSPEC Abstract Number: C89033990

Title: Dialogue cell resource model and basic dialogue cells

Author(s): Schouten, H.J.; ten Hagen, P.J.W.

Author Affiliation: Centre for Math. & Comput. Sci., Amsterdam,

Netherlands

Journal: Computer Graphics Forum vol.7, no.4 p.311-22
Publication Date: Dec. 1988 Country of Publication: Netherlands
CODEN: CGFODY ISSN: 0167-7055
Language: English
Subfile: C

Title: Dialogue cell resource model and basic dialogue cells

Abstract: A model for the handling of resources used in **interactive programs**, with emphasis on the input device part, is developed. Its connection to the I/O pair model and its usage in the dialogue **cell** system is described. The definition and properties of basic dialogue **cells** are given. A method for constructing a basic **cell** library is presented and a number of results from the application of the resource model on a basic **cell** library are shown.

...Descriptors: **interactive programming** ; ...

... **user interfaces**

Identifiers: dialogue **cell** resource model...

... **user interface** management system...

... **interactive programs** ; ...

...dialogue **cell** system...

...basic dialogue **cells** ; ...

...basic **cell** library

24/3,K/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03066865 INSPEC Abstract Number: C88012811

Title: A dynamically configurable general purpose automation controller

Author(s): Maier, G.E.; Taylor, R.H.; Korein, J.U.

Author Affiliation: Manuf. Res. Dept., IBM Thomas J. Watson Res. Center, Yorktown Heights, NY, USA

Conference Title: Software for Computer Control 1986. Selected Papers from the Fourth IFAC/IFIP Symposium p.47-52

Editor(s): Florian, D.; Haase, V.

Publisher: Pergamon, Oxford, UK

Publication Date: 1987 Country of Publication: UK xi+256 pp.

ISBN: 0 08 034083 0

Conference Sponsor: IFAC; Austrian Minist. Sci. & Res.; Gov. Styria; City Graz

Conference Date: 20-23 May 1986 Conference Location: Graz, Austria

Language: English

Subfile: C

Abstract: This paper describes a hierarchically structured controller architecture which supports **interactive programming** and reconfiguration while the controller is running. It is intended for manipulator, robot, and work **cell** control as well as for research in automation programming and motion control. The system is subdivided in a highly **interactive programming** system which runs applications written in an enhanced version of AML and a tightly coupled...

... level in terms of state vector variables, application subroutines, and data flow graphs. A layered **user interface** emphasizes on application oriented specification and makes issues such as multi-tasking and synchronization transparent...

...Descriptors: **interactive programming** ;
...Identifiers: **interactive programming** ; ...

... **user interface**

24/3,K/11 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03002706 INSPEC Abstract Number: C87066057

Title: A specification language for direct-manipulation user interfaces

Author(s): Jacob, R.J.K.

Author Affiliation: Naval Res. Lab., Washington, DC, USA

Journal: ACM Transactions on Graphics vol.5, no.4 p.283-317

Publication Date: Oct. 1986 Country of Publication: USA

CODEN: ATGRDF ISSN: 0730-0301

Language: English

Subfile: C

Title: A specification language for direct-manipulation user interfaces

Abstract: A direct-manipulation **user interface** presents a set of visual representations on a display and a repertoire of manipulations that ...

... be performed on any of them. Such representations might include screen buttons, scroll bars, spreadsheet **cells**, or flowchart boxes. Interaction techniques of this kind were first seen in interactive graphics systems; they are now proving effective in **user interfaces** for applications that are not inherently graphical. Although they are often easy to learn and...
... suspended and resumed, but retains state. The objects are then combined to define the overall **user interface** as a set of coroutines, rather than inappropriately as a single highly regular state transition...

... interaction objects is provided to avoid repetitiveness in the specifications. A prototype implementation of a **user - interface** management system based on this approach is described, and example specifications are given.

...Descriptors: **interactive programming** ; ...

... **user interfaces**

...Identifiers: direct-manipulation **user interfaces** ; ...

... **user - interface** management system

24/3,K/12 (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02806950 INSPEC Abstract Number: C87011682

Title: Software design by object-oriented functional layering

Author(s): Richmond, A.

Author Affiliation: Eur. Southern Obs., Garching, Munchen, West Germany
Journal: Computer Physics Communications vol.41, no.2-3 p.377-84
Publication Date: Aug. 1986 Country of Publication: Netherlands
CODEN: CPHCBZ ISSN: 0010-4655
U.S. Copyright Clearance Center Code: 0010-4655/86/\$03.50
Conference Title: Software Engineering, Methods and Tools in
Computational Physics. Proceedings of the 6th European Summer School on
Computing Techniques in Physics
Conference Sponsor: Eur. Phys. Soc.; Union Czechoslovak Math. & Phys.;
Czechoslovak Acad. Sci.; et al
Conference Date: 16-27 Sept. 1985 Conference Location: Nove Mesto na
Morave, Czechoslovakia
Language: English
Subfile: C

...Abstract: language support is outlined. Some guidelines for object
specification are derived from an 'archetypal program', **partitioned** into
layers of virtual machines. Finally, the author presents a case study based
on an **interactive** control **program** structure originally developed for
tokamak plasma diagnostics, later adapted for astronomical database access.

...Descriptors: **user interfaces**

...Identifiers: **interactive control program** structure

24/3,K/13 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
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1951391 NTIS Accession Number: N96-22134/6

**Development of a Prototype Simulation Executive with Zooming in the
Numerical Propulsion System Simulation**

Reed, J. A. ; Afjeh, A. A.
Toledo Univ., OH.
Corp. Source Codes: 021497000; T1749667
Sponsor: National Aeronautics and Space Administration, Washington, DC.
Report No.: NAS 1.26:200613; NASA-CR-200613
1 Jul 95 72p
Languages: English
Journal Announcement: GRAI9615; STAR3407
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customers); (703)605-6000 (other countries); fax at (703)321-8547; and
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Springfield, VA, 22161, USA.
NTIS Prices: PC A05/MF A01

... at the Interdisciplinary Technology Office at the NASA Lewis Research
Center is a 'numerical test **cell** ' designed to provide for comprehensive
computational design and analysis of aerospace propulsion systems. It will
provide multi-disciplinary analyses on a variety of computational
platforms, and a **user - interface** consisting of expert systems, data base
management and visualization tools, to allow the designer to investigate
the complex interactions inherent in these systems. An **interactive
programming** software system, known as the Application Visualization
System (AVS), was utilized for the development of...

Descriptors: *Computer programming; *Computerized simulation; *Concurrent
engineering; *Engine tests; *Graphical **user interface** ; *Propulsion
system configurations; *Propulsion system performance; *Sequential analysis
; Aircraft engines; Costs; Engine parts; Fluid mechanics...

24/3,K/14 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS
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1943806 NTIS Accession Number: AD-A302 566/5

C ++ Formulation for Particle-In- Cell Simulations
(Final rept. 16 Oct 92-30 Sep 95)
Gladd, N. T.
Berkeley Research Associates, Inc., CA,
Corp. Source Codes: 057730000; 393694
Report No.: AFOSR-TR-95-0787
30 Sep 95 13p
Languages: English
Journal Announcement: GRAI9612
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NTIS Prices: PC A03/MF A01

C ++ Formulation for Particle-In- Cell Simulations
... geometries and a variety of physically relevant boundary conditions.
OOPIC also has a comprehensive graphical **user interface** that
facilitates the setup and control of vacuum electron device simulations and
provides a variety...
Descriptors: *Computerized simulation; *Object oriented programming;
Computer **programs** ; Computerized simulation; **Electronic** equipment;
Physics; Graphics; User needs; C programming language
Identifiers: *Particle in **cell** simulation; C++ programming language;
NTISDODXA; NTISDODAF

24/3,K/15 (Item 1 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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04426308 E.I. No: EIP96063215324

Title: Animating geometric algorithms over the web
Author: Baker, James E.; Cruz, Isabel F.; Liotta, Giuseppe; Tamassia,
Roberto
Corporate Source: Brown Univ, Providence, RI, USA
Conference Title: Proceedings of the 1996 12th Annual Symposium on
Computational Geometry
Conference Location: Philadelphia, PA, USA Conference Date:
19960524-19960526
E.I. Conference No.: 44788
Source: Proceedings of the Annual Symposium on Computational Geometry
1996. ACM, New York, NY, USA. p C-3-C-4
Publication Year: 1996
CODEN: PACGET
Language: English

...Abstract: for algorithm animation over the World Wide Web with a
client-server architecture that optimally **partitions** the software
components of a typical algorithm animation system, and leverages the power
of the...

Descriptors: *Algorithms; Animation; Computational geometry; Information

retrieval systems; Computer architecture; **User interfaces** ; Optimization
; Computer software; Computer **programming** languages; **Interactive**
computer systems

24/3,K/16 (Item 2 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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04168138 E.I. No: EIP95052705411

Title: Mesh partitioning tool and its applications to parallel processing
Author: Hsieh, Shang-Hsien
Corporate Source: Purdue Univ, West Lafayette, IN, USA
Conference Title: Proceedings of the 1994 International Conference on
Parallel and Distributed Systems
Conference Location: Hsinchu, China **Conference Date:** 19941219-19941221
E.I. Conference No.: 42980
Source: Proceedings of the Internatoinal Conference on Parallel and
Distributed Systems - ICPADS 1994. IEEE, Los Alamitos, CA, USA. p 168-173
Publication Year: 1994
CODEN: 002042
Language: English

...Abstract: tool called PSAINT and its applications to parallel
processing research and education. PSAINT is an **interactive** graphics
program with a friendly **interface** for **user** -program interaction. It
offers several automatic mesh partitioning algorithms as well as a set of
...

...partitioning. The program automatically generates various statistics
results and allows for visualization of the mesh **partitions** . PSAINT was
originally developed as a key component in an integrated parallel finite
element analysis...

Descriptors: *Computer software; Interactive computer graphics; Parallel
processing systems; **User interfaces** ; Algorithms; Automation; Statistics
; Finite element method; Engineering education; Computer software
portability

Identifiers: Mesh partitioning tool; **Interactive** graphics **program** ;
Parallel structural analysis interface

24/3,K/17 (Item 3 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04077050 E.I. No: EIP95022585404

Title: Computer-driven optical system for light stimulation in
physiological experiments on retinal cells
Author: de la Villa, P.; Mazo, M.; Recio, M.G.; Mananes, F.G.; Blanco, R.
Corporate Source: Univ of Alcala de Henares, Madrid, Spain
Source: Measurement Science & Technology v 6 n 1 Jan 1995. p 67-71
Publication Year: 1995
CODEN: MSTCEP **ISSN:** 0957-0233
Language: English

Title: Computer-driven optical system for light stimulation in
physiological experiments on retinal cells

...Abstract: were developed to set the optical filters and shutters for

light stimulation of recorded retinal **cells** . Filters were set into stepper-motor-driven wheels which were controlled by specific boards and...

...a different board. The personal computer interface was set with a decodification system based on **programmable** logic devices. All **electronic** systems were organized in modular structures. The design performance was tested by measurement of the spectral and absolute sensitivity of retinal horizontal **cells** . (Author abstract) 5 Refs.

Descriptors: *Optical systems; Computer applications; Electrophysiology; **Cells** ; Control systems; Computer hardware; Computer software; Optical filters; Optical shutters; **User interfaces**

24/3,K/18 (Item 4 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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04039993 E.I. No: EIP95012515036

Title: OOPIC simulation project: progress and validation

Author: Gladd, N.T.; Verboncoeur, J.P.; Birdsall, C.K.; Cartwright, K.; Mardahl, P.; Peter, W.

Conference Title: Proceedings of the IEEE International Conference on Plasma Science

Conference Location: Santa Fe, NM, USA Conference Date: 19940606-19940608

E.I. Conference No.: 42212

Source: IEEE International Conference on Plasma Science 1994. IEEE, Piscataway, NJ, USA. p 225-226

Publication Year: 1994

CODEN: 001685 ISSN: 0730-9244

Language: English

Abstract: The OOPIC (Object-Oriented Particle-In- **Cell**) project is a multi-institutional effort centering on the use of advanced computational methods to...

...is formulated with object-oriented concepts, implemented in C plus plus , has a sophisticated graphical **user interface** and operates on PCs as well as workstations. To test the EM capabilities of OOPIC...

Descriptors: *Vacuum technology; Computer simulation; Object oriented programming; Computational methods; C (**programming** language); **User interfaces** ; **Interactive** computer graphics; Software engineering; Standards; Codes (symbols)

Identifiers: Object oriented particle in **cell** ; Vacuum electronic design ; Electron beam propagation

24/3,K/19 (Item 5 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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03790906 E.I. No: EIP94011196101

Title: MPEGTool: An X Window based MPEG encoder and statistics tool

Author: Urabe, Toshiyuki; Afzal, Hassan; Ho, Grace; Pancha, Pramod; El Zarki, Magda

Corporate Source: Univ of Pennsylvania, Philadelphia, PA, USA

Conference Title: Proceedings of the 1st ACM International Conference on Multimedia

Conference Location: Anaheim, CA, USA Conference Date:
19930801-19930806

E.I. Conference No.: 19832

Source: Proc 1 ACM Int Conf Multimedia 1993. Publ by ACM, New York, NY,
USA. p 259-263

Publication Year: 1993

ISBN: 0-89791-596-8

Language: English

...Abstract: transmission over ATM**3 based BISDN**4. The tool, which has
a window based graphical **user interface**, allows a **user** to specify
several of the MPEG parameters such as the intraframe to interframe ratio,
and...

...package which allows the user to plot graphs of various statistics
including bit distributions, ATM **cell** distributions, time series,
autocorrelation functions and **cell** interarrival times. (Author abstract)
5 Refs.

Descriptors: *Video signal processing; Image coding; Utility **programs** ;
Interactive computer graphics; **User interfaces** ; Data communication
systems; Computer networks; Image compression; Statistics; Correlation
detectors

24/3,K/20 (Item 6 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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03606569 E.I. Monthly No: EIM9305-028060

Title: Multi-iconic multi-interpretation computation: A medical case.

Author: Mussio, P.; Bottoni, P.; Protti, M.; Finadri, M.; Gentini, P.

Corporate Source: Universita degli Studi di Milano, Milan, Italy

Conference Title: Proceedings 1991 IEEE Workshop on Visual Languages

Conference Location: Kobe, Jpn Conference Date: 19911008

E.I. Conference No.: 17750

Source: Proc 91 IEEE Workshop Visual Lang. Publ by IEEE, Computer
Society, Los Alamitos, CA, USA (IEEE cat n 91TH0402-8). p 47-53

Publication Year: 1991

ISBN: 0-8186-2330-6

Language: English

Descriptors: *COMPUTER PROGRAMMING; MEDICAL COMPUTING; COMPUTER
PROGRAMMING LANGUAGES; GRAPHIC METHODS; **USER INTERFACES** ; COMPUTATIONAL
METHODS; DATA STRUCTURES

Identifiers: VISUAL **PROGRAMMING** ; MULTIICONIC MULTIINTERPRETATION
COMPUTATION; **INTERACTIVE** SYSTEM FOR HEPATOLOGIST EXPERIMENTATION (ISHEE);
VISUAL LANGUAGE FOR **CELL** POPULATION SIMULATION (VCPS); LIPID
SOLUBILIZATION SIMULATION LANGUAGE (LSL); MULTIICONICITY

24/3,K/21 (Item 1 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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08422027 Genuine Article#: 284FZ No. References: 27

Title: Interactive educational diabetes simulators: Future possibilities

Author(s): Lehmann ED (REPRINT)

Corporate Source: UNIV LONDON IMPERIAL COLL SCI TECHNOL & MED, ROYAL
BROMPTON HOSP, DEPT IMAGING/LONDON SW3 6NP//ENGLAND/ (REPRINT)

Journal: DIABETES NUTRITION & METABOLISM, 1999, V12, N6 (DEC), P380-387
ISSN: 0394-3402 Publication date: 19991200
Publisher: EDITRICE KURTIS S R L, VIA LUIGI ZOJA 30, 20153 MILAN, ITALY
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: the future, highlighting features which users might expect to see in future generations of such **interactive** educational diabetes **programs**. Novel functions already described in the literature are overviewed, and possible applications using personal computers and the Internet are discussed. The importance of the **user interface** is stressed. The concept of a "virtual diabetic patient" that provides an electronic representation of...

...Identifiers--BETA- **CELL** FUNCTION; INSULIN RESISTANCE; GLUCOSE DYNAMICS; MODEL ASSESSMENT; MINIMAL-MODEL; COMPUTER; CARE; MELLITUS; AIDA

24/3,K/22 (Item 2 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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02867702 Genuine Article#: MK533 No. References: 13

Title: SAW - A GRAPHICAL USER - INTERFACE FOR THE ANALYSIS OF IMMUNOGLOBULIN VARIABLE DOMAIN SEQUENCES

Author(s): ELGAVISH RA; SCHROEDER HW

Corporate Source: UNIV ALABAMA,WALLACE TUMOR INST 378,DEPT MED,DIV DEV & CLIN IMMUNOL,UAB STN/BIRMINGHAM//AL/35294; UNIV ALABAMA,WALLACE TUMOR INST 378,DEPT MED,DIV DEV & CLIN IMMUNOL,UAB STN/BIRMINGHAM//AL/35294; UNIV ALABAMA,DEPT MICROBIOL/BIRMINGHAM//AL/35294; UNIV ALABAMA,CTR COMPREHENS CANC/BIRMINGHAM//AL/35294

Journal: BIOTECHNIQUES, 1993, V15, N6 (DEC), P1066&

ISSN: 0736-6205

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Title: SAW - A GRAPHICAL USER - INTERFACE FOR THE ANALYSIS OF IMMUNOGLOBULIN VARIABLE DOMAIN SEQUENCES

Abstract: The Sequence Analysis Workshop (SAW) is an **interactive program** for sequence analysis of immunoglobulin variable domains. Sequences for SAW can be obtained from GenBank...

Research Fronts: 91-0704 001 (IMMUNOGLOBULIN GENES; ANTIGEN RECEPTOR EXPRESSION; POLYMERASE CHAIN-REACTION; B- **CELL** REPERTOIRE)
91-2677 001 (COMBINATORIAL ANTIBODY EXPRESSION LIBRARIES IN ESCHERICHIA-COLI; PHAGE SURFACES; FV FRAGMENT...

24/3,K/23 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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1017342 ORDER NO: AAD88-14733

SEPARATING THE USER INTERFACE FROM THE FUNCTIONALITY OF APPLICATION PROGRAMS

Author: SZEKELY, PEDRO ALEJANDRO

Degree: PH.D

Year: 1987

Corporate Source/Institution: CARNEGIE-MELLON UNIVERSITY (0041)

Source: VOLUME 49/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2269. 239 PAGES

SEPARATING THE USER INTERFACE FROM THE FUNCTIONALITY OF APPLICATION PROGRAMS

This thesis investigates ways of separating the functionality and the **user interface** of **interactive programs**. The thesis has three parts. The first part introduces the notion of communication concept to...

...and programs can communicate, and uses this notion as the basis of a model of **interactive programs**. The model **partitions interactive programs** into two components: the **user interface**, which is an interpreter of communication concepts, and the functionality, which contains the knowledge about...

...the communication concepts.

The thesis classifies the communication concepts that can be communicated with graphical **user interfaces**, and shows that these concepts fall into a small number of categories. The thesis also...

...functionality of a program that is needed to construct for it a variety of graphical **user interfaces**.

The second part of the thesis describes several techniques to implement the model of **interactive programs**. The thesis compares the techniques with respect to their ability to keep the implementation of the functionality and **user interface** separate (modularity), and with respect to the restrictions they impose on the class of interfaces...

...can be implemented with them (generality).

The third part of the thesis describes Nephew, a **user interface** management system constructed to illustrate the viability of the model and techniques presented in the...

...illustrates how the classification of communication concepts allows Nephew to provide reusable components to construct **user interfaces**, and how the classification of knowledge allows the programmer to separate the functionality and the **user interface** of a program.

24/3,K/24 (Item 1 from file: 94)

DIALOG(R) File 94:JICST-EPlus

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02040553 JICST ACCESSION NUMBER: 94A0430854 FILE SEGMENT: JICST-E

Representation of Software Construction by Using 3 Element-Schema

Techniques.

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Hyuman, Intafesu, Shinpojiumu Ronbunshu(Human Interface), 1993, VOL.9th, PAGE.157-164, FIG.10, TBL.3, REF.23

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DOCUMENT TYPE: Conference Proceeding

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: a simple English sentence pattern by Syntax-Oriented Analysis.

In this paper, we construct an **interactive program** by using this technique. First we analysed and selected necessary functions that should be built...
...consist of a verb element and a noun element. We named such a sentence a ' **cell** '. We classified these **cells** into groups and stratified them. At the same time we decided on the structure of...
...We found that there are theoretically four different kinds of operation systems, and that existing **interactive programs** employ some of these four systems. (author abst.)
...DESCRIPTORS: **user interface** ;

24/3,K/25 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
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15940061 PASCAL No.: 03-0081863
INTERACTION ET PROGRAMMATION
(**INTERACTION AND PROGRAMMATION**)
LETONDAL Catherine; BEAUDOUIN LAFON Michel, dir
Universite de Paris 11, Orsay, France
Univ.: Universite de Paris 11. Orsay. FRA Degree: Th. doct.
2001-09; 2001 260 p.
Language: French Summary Language: French; English

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... question de la flexibilite logicielle et completons l'idee de programmation par l'utilisateur par **celle** de participation a la conception, deux manieres de donner un controle sur le logiciel. Parallelement...

English Descriptors: Software engineering; **User interface** ; **Programming** ; **Interactive system** ; Psychology; Object oriented

24/3,K/26 (Item 2 from file: 144)
DIALOG(R)File 144:Pascal
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15553130 PASCAL No.: 02-0252814
An integrated multiple media news portal
Electronic publishing '01 : 2001 in the digital publishing odyssey :
Canterbury, 5-7 July 2001
SOEDERGARD Caj; AALTONEN Matti; BAECKSTROEM Christer; HEINONEN Ari;
JAERVINEN Timo; KINNUNEN Timo; KOIVUNEN Pauliina; LEHTOLA Sari; OLLIKAINEN Ville; RENTTO Katja; SEPPAELAE Mikko; TAMMELA Antti
HUBLER Arved, ed; LINDE Peter, ed; SMITH John WT, ed
VTT Information Technology, P.O. Box 1203, 02044 VTT, Finland; VTT Information Technology, P.O. Box 1206, 33101 Tampere, Finland; Journalism Research and Development Centre, University of Tampere, 33014, Finland; University of Jyvaeskylae, Information Technology Research Institute, P.O. Box 35, 40351 Jyvaeskylae, Finland
International Council for Computer Communication, Unknown; International Federation for Information Processing, Unknown
Conference on electronic publishing, 5 (Canterbury GBR) 2001-07-05
2001 231-248

Publisher: IOS, Amsterdam
Language: English

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... classification and linking of related articles and TV clips possible.
The deeply integrated material is **partitioned** into news composites called
channels, which can be personalised by the user. The automatically computed
...

... material than the PC user, but proportionally less news. The most
popular channels for the lTV -user were **TV programme** schedules and **TV**
clips. The community channels attracted the TV set users. Personalization
was used scarcely and searches...

English Descriptors: Multimedia; Mass media; Information system; Integrated
system; Information retrieval; Electronic publishing; **User interface** ;
Customization; System description; System architecture; System evaluation
; Finland; Portal site

?

34/3,K/1 (Item 1 from file: 2)
DIALOG(R) File 2:INSPEC
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6873186 INSPEC Abstract Number: C2001-04-7250R-033

Title: Enhancing information retrieval by automatic acquisition of textual relations using genetic programming

Author(s): Bergstrom, A.; Jaksetic, P.; Nordin, P.

Author Affiliation: Dept. of Linguistics, Goteborg Univ., Sweden

Conference Title: IUI 2000. 2000 International Conference on Intelligent User Interfaces p.29-32

Editor(s): Lieberman, H.

Publisher: ACM, New York, NY, USA

Publication Date: 2000 Country of Publication: USA xi+288 pp.

ISBN: 1 58113 134 8 Material Identity Number: XX-2000-00099

U.S. Copyright Clearance Center Code: 1 58113 134 8/2000/1..\$5.00

Conference Title: Proceedings of IUI 2000: International Conference on Intelligent User Interfaces

Conference Sponsor: ACM

Conference Date: 9-12 Jan. 2000 Conference Location: New Orleans, LA, USA

Language: English

Subfile: C

Copyright 2001, IEE

Abstract: We have explored a novel method to find textual relations in **electronic** documents using genetic **programming** and semantic networks. This can be used for enhancing information retrieval and simplifying **user interfaces**. The automatic extraction of relations from text enables easier updating of electronic dictionaries and may reduce interface **area** both for search input and hit output on small screens such as **cell** phones and PDAs (personal digital assistants).

...Descriptors: **user interfaces**

...Identifiers: **user interfaces ; ...**

... **cell** phones